

Sent Log to Wilburn J. Gould 2/19/67-
(Gamma Ray Section) SD

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<input checked="" type="checkbox"/>
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<input checked="" type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>

COMPLETION DATA:	
Date Well Completed	6-2-60
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>	Location Inspected
GW <input checked="" type="checkbox"/> OS <input type="checkbox"/> PA <input type="checkbox"/>	Bond released
	State of Fee Land

LOGS FILED	
Driller's Log	8-22-60
Electric Logs (No.)	4
E <input checked="" type="checkbox"/> I <input checked="" type="checkbox"/> E-I <input checked="" type="checkbox"/> GR <input type="checkbox"/> GR-N <input checked="" type="checkbox"/> Micro <input type="checkbox"/>	
Lat <input type="checkbox"/> Mi-L <input type="checkbox"/> Sonic <input checked="" type="checkbox"/> Others <input type="checkbox"/>	

3-4-60

Memo:

at the present time all wells in the Lisbon area, with the exception of this well, are being drilled on a 640 acre spacing pattern with each well being located in the NE $\frac{1}{4}$, NW $\frac{1}{4}$ of the Section. Due to the gas possibilities this pattern would be ideal for developing this area into a gas field. well No. NW Lisbon USA 3 is several hundred feet off pattern. I discussed this problem with Mr Warburton, Pure oil co, and he agreed that said well will only be completed as an oil well and should they desire or be forced to complete as a gas well the commission will be ratified and a hearing held as provided for in Rule C 3.(b).

clerk B. Fright

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ FILE ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

4-30-75 Oper chg from The Pure Oil Co. (per Sundry)

Converted from Idle Producer to Gas Injection as of April 23, 1982 ; Commenced GIW eff. 4-16-82

DATE FILED 3-3-60

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-015445

INDIAN

DRILLING APPROVED: 3-3-60

SPUDDED IN: 3-15-60

COMPLETED: 6-2-60

PUT TO PRODUCING:

INITIAL PRODUCTION: 613 B Condensate per day, shut in 7,000 MCFG/D

GRAVITY A.P.I. 61.0

GOR: 10579

PRODUCING ZONES: 8320-8460 (MSSP)

TOTAL DEPTH: 9126'

WELL ELEVATION: 6535 KB

DATE ABANDONED:

FIELD: LISBON UNIT

UNIT: LISBON UNIT Eff 5-1-62

COUNTY: SAN JUAN

WELL NO. NORTHWEST LISBON USA-C#1 LISBON UNIT - D-84

API NO. 43-037-16250

LOCATION 1980' FSL FT. FROM (N) (S) LINE.

660' FEL

FT. FROM (E) (W) LINE.

NE SE

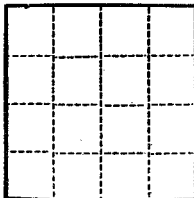
1/4 - 1/4 SEC.

4

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
30S	24E		UNION OIL CO. OF CALIF.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	487'	Molas	8246'
Alluvium	Wahweap	Shinarump	1073'	Manning Canyon	
Lake beds	Masuk	Moenkopi	1140'	Mississippian	
Pleistocene	Colorado	Sinbad		XXXXX A	4314'
Lake beds	Sego	PERMIAN	1590'	XXXXX B	4564'
TERTIARY	Buck Tongue	Kaibab		Pilot Shale	
Pliocene	Castlegate	Coconino		XXXXX Salt Top	4644'
Salt Lake	Mancos	Cutler		XXXXX Salt Base	8074'
Oligocene	Upper	Hoskinnini		Redwall	
Norwood	Middle	DeChelly		DEVONIAN	
Eocene	Lower	White Rim		Upper	
Duchesne River	Emery	Organ Rock		XXXXX Mississippian	8296'
Uinta	Blue Gate	Cedar Mesa		Lower	
Bridger	Ferron	Halgaite Tongue		Ouray	8780'
Green River	Frontier	Phosphoria		Elbert	8872'
	Dakota	Park City		McCracken	
	Burro Canyon	Rico (Goodridge)		Aneth	
	Cedar Mountain	Supai		Simonson Dolomite	
	Buckhorn	Wolfcamp		Sevy Dolomite	
	JURASSIC	CARBON I FEROUS		North Point	
Wasatch	Morrison	Pennsylvanian		XXXXX McCracken	9042'
Stone Cabin	Salt Wash	Oquirrh		Laketown Dolomite	
Colton	San Rafael Gr.	Weber		ORDOVICIAN	
Flagstaff	Summerville	Morgan		Eureka Quartzite	
North Horn	Bluff Sandstone	Hermosa	2514'	Pogonip Limestone	
Almy	Curtis			CAMBRIAN	9121'
Paleocene	Entrada	Pardox		Lynch	
Current Creek	Moab Tongue	Ismay		Bowman	
North Horn	Carmel	Desert Creek		Tapeats	
CRETACEOUS	Glen Canyon Gr.	Akah		Ophir	
Montana	Navajo	Barker Creek		Tintic	
Mesaverde	Kayenta			PRE - CAMBRIAN	
Price River	Wingate	Cane Creek			
Blackhawk	TRIASS				



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 8-015445

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 2, 1960

Northwest Lisbon USA

Well No. 3 is located 1980 ft. from N line and 660 ft. from E line of sec. 4

NE SE Sec. 4

(1/4 Sec. and Sec. No.)

30-3

(Twp.)

24-3

(Range)

Salt Lake

(Meridian)

Northwest Lisbon

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Will be furnished later.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Proposed Casing Program:

1800' - 1 1/2-3/8" OD casing, cemented to surface.

9-5/8" OD intermediate string, if necessary

7" OD oil string, if necessary.

The principle objective is the Cambrian; also, test the Devonian.

Estimated total depth, 9000'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton
Title Division Chief Production Clerk

THE PURE OIL COMPANY LOCATION REPORT

Date March 2, 1960A.F.E. No. 299Division Rocky Mountain Producing ^{Prospect} District Northwest LisbonLease USA (Utah 015445)Acres 919.12 Lease No. 8848

Elevation

Northwest Lisbon USAWell No. 3

(Serial No. _____)

Quadrangle NE SESec. 4Twp. 30SRge. 24EBlk.
Dist.
Twp.Survey Salt Lake P.M.County San JuanState UtahOperator The Pure Oil Company

Map

1980 Feet North of the South line of Section
660 Feet West of the East line of Section
Feet of the line of
Feet of the line of

LEGEND

○ Location



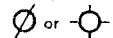
Gas Well



Oil Well



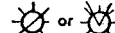
Gas-Distillate Well



Dry Hole



Abandoned Location



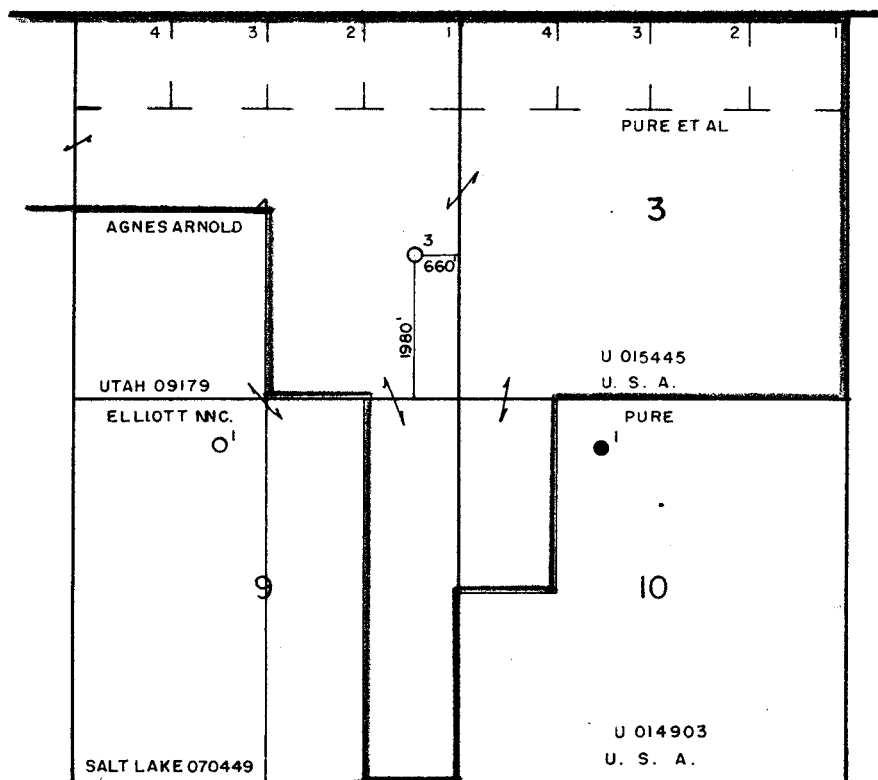
Abandoned Gas Well



Abandoned Oil Well



Input Well



Scale 2" = 1 MILE

Remarks:

Submitted by

Rex Judicke

Civil Engineer

Approved by

Division Manager

Approved by

Vice-President—General Manager

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO
ROCKY MOUNTAIN PRODUCING DIVISION
1700 BROADWAY
DENVER 2, COLORADO

March 2, 1960

Mr. J. W. Long
USGS District Engineer
P. O. Box 1809
Durango, Colorado

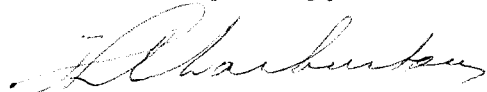
Dear Mr. Long:

Enclosed in triplicate is Notice of Intention to drill Northwest Lisbon USA Well No. 3, located NE SE, Section 4, 30S, 24E, San Juan County, Utah. Also enclosed are three copies of the Location Plat for this well.

It is our understanding Texas Eastern Transmission Corporation has furnished your Roswell office with a State-Wide Bond in amount of \$25,000.00, also executed Designation Of Operator authorizing this Company as the Operator.

If you require any additional information, will appreciate hearing from you as soon as possible.

Yours very truly,



T. L. Warburton
Division Chief Production Clerk

TLW:mc

Enclosure

cc: Mr. C. B. Feight

Attached are two copies of the above Notice of Intention to drill and two copies of the Location Plat.



March 7, 1960

Pure Oil Company
1700 Broadway
Denver, Colorado

Attention: T. L. Warburton,
Division Chief Production Clerk

Re: Well No. NW Lisbon USA 3, 1980' FSL
and 660' FEL of Sec. 4, T. 30 South,
R. 24 East, SLEB, San Juan County

Gentlemen:

With reference to our telephone conversation of March 4, 1960, please be advised that approval to drill the above-mentioned well is hereby granted provided that said well is not completed as a gas well without notice and hearing as provided for in Rule C-3(b) of our rules and regulations.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Jerry Long, District Engineer
U. S. Geological Survey
Box 1809
Durango, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 015445
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 60,

Agent's address 1700 Broadway Company The Pure Oil Company
Denver 2, Colorado Signed [Signature]

Phone AMherst 6-3331 Agent's title Division Chief Production Clerk

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 4 (Northwest	30S	24E	3		Spudded with Dry Hole Digger 3/15/60 and drilled to 26'. Set one joint 20" OD Casing at 26', cemented with 7 yards of ready mix cement. Resumed drilling with Rotary 3/26/60 and drilled from 26' to 1800'.					
(Northwest	Lisbon	USA	No. 3)							

NOTE.—There were None runs or sales of oil; None M cu. ft. of gas sold;

None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 015445
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1960,

Agent's address 1700 Broadway Company The Pure Oil Company
Denver 2, Colorado Signed H. H. Harkness

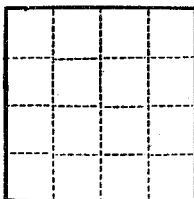
Phone Alt 6-3331 Agent's title Division Chief Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 4 (Northwest	30S	24E	3		Drilled 1800' to 1805'. cemented with 1150 sx Posmix. Howco DST No. 1, 4384' to 4475'. 7-5/8" OD casing at 8146', cemented with 800 sx 50-50. Drilled 8146' to 8208'.					Set 13-3/8" OD casing at 1804', Drilled 1805' to 4640'. Drilled to 8146'. Set
Lisbon USA No. 3)										

NOTE.—There were None runs or sales of oil; None M cu. ft. of gas sold;

None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. D-015445

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 5, 1960

Northwest Lisbon USA

Well No. 3 is located 1980 ft. from N line and 660 ft. from E line of sec. 4

NE SE, Sec. 4 30-S 24-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6524 ft.
FB elevation is 6535 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 13-3/8" OD 54.5# and 48# casing at 1804' and cemented with 1150 sacks of 50-50 Pessmix with 1/2 Gal and 1/4 lb Floccs per sack.

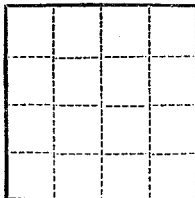
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton
Title Division Chief Production Clerk



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-015465
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 13, 1960

Well No. 3 is located 1980 ft. from N line and 660 ft. from E line of sec. 4

NE SE 4 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6524 ft.
KB elevation is 6535 ft.
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

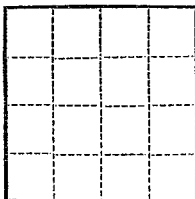
Company The Pure Oil Co.

Address 1700 Broadway

Denver, Colorado

By T. L. Harburton

Title Division Chief Production Clerk



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-015445
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Northwest Lisbon USA May 11, 19 60

Well No. 3 is located 1980 ft. from N line and 660 ft. from E line of sec. 4

NE SE Sec 4 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ^{ground} above sea level is 6524 ft.
~~KB elevation 6535 ft.~~

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

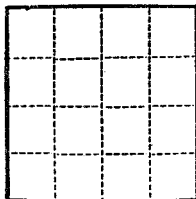
Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton

Title Division Chief Production Clerk



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-015445

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

_____ May 17, _____, 19 60
Northwest Lisbon USA-C
Well No. 1 is located 1980 ft. from N line and 660 ft. from E line of sec. 4
NE SE 4 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground derrick floor above sea level is 6524 ft.
KD elevation is 6535 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton

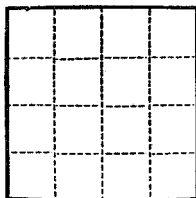
Title Division Chief Production Clerk

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-015445

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Nov 24, 1960

Northwest Lisbon USA-C

Well No. 1 is located 1980 ft. from IN line and 660 ft. from W line of sec. 4

NE SE 4 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ floor above sea level is 6524 ft.
KB elevation is 6535 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton

Title Division Chief Production Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 015445
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1960,

Agent's address 1575 Sherman Company The Pure Oil Company

Denver 3, Colorado Signed _____

Phone AMherst 6-0208 Agent's title _____

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 4 (Northwest	30S	24E	1		Drilled 8208' to 8388'. DST No. 2, 8311'-8388'. Drilled 8388' to 8462'. DST No. 3, 8382'-8462'. DST No. 3, 8381'-8462'. Drilled 8462' to 8533'. DST No. 4, 8462'-8533'. Drilled 8533' to 8753'. DST No. 5, 8535'-8753'. Drilled 8753' to 9002'. DST No. 6, 8755'-9002'. Drilled 9002' to 9110'.					

NOTE.—There were None runs or sales of oil; None M cu. ft. of gas sold; None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

NW LISBON USA-C NO. 1.

HOWCO DST NO. 6, 8755-9002. OPEN 6 MINUTES, ISI 30 MINUTES, OPEN 1 HOUR, FSI 30 MINUTES. VERY WEAK BLOW THROUGHOUT TEST. NO GAS TO SURFACE. RECOVERED 250' GAS CUT DRILLING MUD. PRESSURES, IH 4325, ISI 592, IF 100, FF 130, FSI 392, FH 4292, BHT 135 DEGREES.

HOWCO DST NO. 2, 8311-8388. OPEN 3 MINUTES, SHUT IN 30 MINUTES. OPEN 1 HOUR, FINAL SHUT IN 30 MINUTES. WEAK BLOW THROUGHOUT. RECOVERED 220' SLIGHTLY GAS CUT DRILLING FLUID. PRESSURES, IH 4000, ISI 1040, IF 95, FF 110, FSI 920, FH 4020.

The Pure Oil Co.
May 8, 1960

NW LISBON USA NO. 3. 4026-4640 (614') SHALE AND LIME.

HOWCO DST NO. 1, 4384-4475.

OPEN 3 MINUTES, GOOD BLOW IMMEDIATELY. SHUT IN 30 MINUTES, OPEN ONE HOUR. WEAK BLOW INCREASING SLIGHTLY AT END OF TEST. NO GAS TO SURFACE. SHUT IN 30 MINUTES. RECOVERED 150' OIL AND GAS CUT DRILLING MUD. PRESSURES, IH 2020, ISI 865, IF 40, FF 85, FSI 385, FH 2020, BHT 108 DEGREES.

The Pure Oil Co. April 14, 15, 16 & 17, 1960

NW LISBON USA-C NO. 1, 8462-8533. TOOL OPEN 3 MINUTES WITH GOOD STRONG BLOW. GAS TO SURFACE IN 2 MINUTES. ISI 30 MINUTES, OPEN 40 MINUTES, WITH MUD TO SURFACE IN 4 MINUTES. FLOWED TO PIT 30 MINUTES THEN TO TEST TANK FOR 10 MINUTES. RECOVERED CONDENSATE AT RATE OF 27 BBLs PER HOUR. GAS METERED AT 6450 MCFD. FSI 30 MINUTES. RECOVERED OUT. DID NOT RECOVER ^{ANY} FLUID IN PIPE. PRESSURES: IH 4090, ISI 2850, FF 1270, FSI 2810, FH 4070, BHT 168 DEGREES.

The Pure Oil Co.
May 13, 14 & 15, 1960

HOWCO DST NO. 5, 8535-8753, 5/8" TOP CHOKE, 3/4" BOTTOM CHOKE, NO WATER CUSHION. OPEN 6 MINUTES WITH VERY STRONG BLOW, GAS TO SURFACE IN 2 MINUTES, MUD TO SURFACE IN 4 MINUTES ON INITIAL OPENING. ISI 30 MINUTES. TOOL OPEN 54 MINUTES. PRODUCED 22.49 BARRELS, 65.5 GRAVITY CONDENSATE IN 46 MINUTES. NO WATER. GAS METERED AT 7280 MCFD. FSI 30 MINUTES. REVERSED OUT. PRESSURES, IH 4160, ISI 2885, IF 2645, FF 2750, FSI 2885, FH 4160. DRILLED 8753 TO 8821.

The Pure Oil Co. May 20, 21 & 22, 1960

THE PURE OIL COMPANY
NORTHWEST LISBON #C-1 (3)

Section 4, T.30S, R.24E
1980' FSL, 660'FEL (NESE)
SAN JUAN COUNTY, UTAH

SPUDED MARCH 15, 1960
COMPLETED DRILLING JUNE 2, 1960
SAMPLE ANALYSIS BY HARVEY W. MERRELL

FORMATION TOPS

<u>Formation</u>	<u>Log Tops</u>	<u>Sub Sea</u>	<u>Thickness</u>
Chinle	487	/ 6046	586
Shinarump	1073	/ 5460	67
Moenkopi	1140	/ 5393	450
Permian	1590	/ 4943	925
Hermosa	2514	/ 4018	1800
Paradox "A"	4314	/ 2218	250
Paradox "B"	4564	/ 1968	79
Salt Top	4644	/ 1889	3430
Salt Base	8074	-1541	172
Molas	8246	-1713	50
Mississippian	8296	-1763	484
Ouray	8780	-2247	92
Elbert	8872	-2339	170
McCracken	9042	-2509	79
Cambrian	9121	-2588	5 /
Total Depth	9126	-2593	

3000-3010 Limestone, gray, medium crystalline to fine grain, soft, some vitreous, some white, chalky.

Samples saturated w/oil from mud from 3000 to 3150'.

3010-3040 Siltstone, gray-gray green, very micaceous.

3040-3050 Shale, brown, red, green, waxy, soft, micaceous; siltstone, green, brown, gray, red, micaceous.

3050-3070 As above w/nodulars of limestone, gray-tan, red, fine crystalline, micaceous.

3070-3080 Shale, black-dark gray, soft; limestone, gray, fine grain, dense.

3080-3090 Shale as above; limestone, gray-cream, fine crystalline.

3090-3110 Shale, dark gray, black; limestone as above; shale and siltstone, green, red, brown.

3110-3120 Shale, gray-green gray, maroon, micaceous; limestone, gray-white, fine crystalline, some micaceous.

3120-3140 Shale, gray, red, maroon, micaceous; siltstone, green, gray, white, micaceous.

3140-3150 Shale, dark gray, calcareous.

3150-3170 Shale, dark gray, soft, calcareous.

3170-3250 Shale, gray, soft, calcareous.

3250-3260 Shale, gray, soft, calcareous; limestone, gray, arenaceous, fine grain.

3260-3270 Limestone, gray-cream, medium to fine grain, micaceous, soft, arenaceous; trace white, sub-lithographic limestone.

3270-3300 Siltstone, light gray, micaceous, calcareous.

3300-3310 Limestone, gray, fine grain to sub-lithographic; limestone, gray, medium grain, very arenaceous, argillaceous; siltstone as above.

3310-3320 As above w/shale, black-gray.

3320-3340 Limestone, tan-gray, sub-lithographic; limestone, gray, fine grain, argillaceous, arenaceous; shale, gray-green, cream, very micaceous.

3340-3350 Limestone as above, increased.

3350-3360 Limestone, light to dark gray, very fine grain to fine crystalline, arenaceous, argillaceous, micaceous; shale, gray, red, micaceous; shale, red, splintery.

3360-3370 Shale, gray, micaceous, grading to limestone, gray, fine crystalline, fine grain, micaceous.

- 3370-3380 Shale, orange, red, brown, green, micaceous; limestone, gray, tan, fine-medium crystalline to medium grain, micaceous; chert, tan; limestone, cream, white, soft, fine grain.
- 3380-3390 Limestone, white, soft to hard, dense, fine grain to sub-lithographic, oolitic shadows; chert, tan, opal.
- 3390-3400 Limestone as above, increase in chert, tan, smokey, opal.
- TOP HERMOSA 2427' / 4106
Expect LaSal Limestone at 3600'.
- No further samples analyzed until 36770'.
- 3770-3780 Limestone, gray to light gray, fine crystalline, dense; some limestone, gray, oolitic, no permeability, no show.
- 3780-3790 Limestone as above; oolitic limestone decreased to trace; trace chert, tan to light brown.
- 3790-3800 Limestone, cream to light gray, very fine crystalline; some limestone, gray to gray-green, dirty; trace chert, tan to light brown.
- 3800-3820 Limestone, dark gray, fine crystalline, dense, very shaly; little limestone, gray to light tan, fine crystalline, dense; little limestone, cream, fine crystalline, soft.
- 3820-3830 Limestone, dark gray to greenish gray, fine crystalline, dense, shaly in part, micaceous in part; little limestone, cream, very fine crystalline.
- 3830-3840 As above; trace shale, greenish gray, very silty, soft.
- 3840-3850 Limestone, dark gray to gray brown, fine crystalline, shaly, silty in part; little limestone, cream, fine crystalline, slightly oolitic in part; some shale, dark gray, silty.
- 3850-3870 As above, no oolitic limestone.
- 3870-3880 No sample.
- 3880-3910 Shale, dark gray to black, calcareous, silty, slightly micaceous in part; little limestone, gray to tan, fine crystalline, dense.
- 3910-3920 Limestone, light gray-tan, sub-lithographic, tite, dense; little limestone, cream, fine crystalline, dense; some limestone, dark gray, fine crystalline, dense; little shale, dark gray, micaceous in part.
- 3920-3930 Limestone, light gray tan, fine crystalline, dense; little limestone, light tan, very fine crystalline, dense; trace sandstone, grayish tan, medium grain, poorly sorted, calcareous, no fluorescent.
- 3930-3940 As above, trace chert, tan; no sandstone; little shale, black, calcareous.
- 3940-3950 As above, no chert.

- 3950-3960 Limestone, gray, fine crystalline, shaly, dense; little limestone, tan, fine crystalline, dense.
- 3960-3970 As above, trace chert, light tan.
- 3970-3990 Sandstone, light gray, fine-medium crystalline, poorly sorted, micaceous in part (green-brown), slightly calcareous, no fluorescent; little limestone, tan, fine crystalline, dense; little shale, dark gray, calcareous, micaceous in part.
- 3990-4000 Sandstone, light gray, fine-medium grain, poorly sorted, dirty, slightly calcareous, micaceous in part (green), no fluorescent, fair porosity; little limestone, tan to light gray, fine crystalline, dense; little shale, black, slightly calcareous.
- 4000-4010 As above, sandstone decreased in grain size to silty.
- 4010-4020 As above, limestone increased to and.
- 4020-4030 Limestone, light gray to tan, very fine crystalline, dense; some shale, black, carbonaceous; little sandstone, light gray as above.
- 4030-4040 Limestone, light gray, fine-medium crystalline; trace inter-crystalline porosity, no fluorescent; little limestone, tan, very fine crystalline, dense; little limestone, dark gray, fine crystalline, dense, shaly.
- 4040-4050 Limestone, grayish tan, very fine crystalline, dense; some limestone, light gray, fine-medium crystalline, sucrosic; trace sandstone as above.
- 4050-4060 Siltstone, dark gray, tite, calcareous; some limestone, light tan, very fine crystalline, dense; trace chert, light gray.
- 4060-4070 As above; little sandstone, cream, very fine grain, very silty, tite, light greenish tint.
- 4070-4080 Limestone, dark gray, fine crystalline, silty; little limestone, tan, very fine crystalline, dense; little siltstone, light cream, slightly calcareous, tite; little limestone, tan, medium crystalline, very slight amount of pin point porosity.
- 4080-4090 Shale, dark gray to black, calcareous, silty in part; little limestone, gray brown, fine crystalline, dense.
- 4090-4100 As above, micaceous in part.
- 4100-4120 As above, limestone decreased to trace.
- 4120-4140 Limestone, gray to gray tan, fine to very fine crystalline, dense.
- 4140-4150 As above, little shale, black, carbonaceous, calcareous.
- 4150-4160 Limestone, gray tan, very fine crystalline, dense; some limestone, brownish tan, fine crystalline, dense, silty; trace chert, light brown; little limestone, dark gray, fine crystalline, very shaly.

- 4160-4170 As above, trace black chert.
- 4170-4180 As above, trace chert, light tan; some limestone, dark gray, very shaly, hard, dense.
- 4180-4190 Siltstone, gray to light gray, very calcareous; little chert, dull black; little limestone, dark grayish brown, fine crystalline, dense.
- 4190-4200 As above, little shale, black, calcareous, micaceous in part.
- 4200-4210 Shale, black to brownish black, calcareous; little limestone, light tan, fine crystalline, dense; little limestone, dark gray, fine-medium crystalline, trace pin point porosity; trace anhydrite, white, dense, vein filling?
- 4210-4215 Shale, black, calcareous, micaceous in part; little limestone, dark gray to tan, very fine crystalline, dense; some shale, gray, silty, calcareous; trace anhydrite, white, sucrosic to dense.
- 4215-4220 As above, trace pyritic shale.
- 4220-4230 Shale, black, calcareous, micaceous in part, silty in part; little limestone, dark gray-tan, fine crystalline, dense; trace anhydrite, white, dense.
- 4230-4235 Limestone, gray to light gray, fine crystalline to fine sucrosic; little shale, dark gray, calcareous.
- 4235-4245 As above; trace anhydrite, white, dense.
- 4245-4260 As above, no anhydrite.
- 4260-4285 Limestone, gray to gray-brown, fine crystalline, dense, shaly, no fluorescent; trace intercrystalline porosity.
- 4285-4300 Shale, dark gray to black, calcareous, slightly micaceous, slightly silty.
- 4300-4315 Shale, black to dark gray, calcareous, micaceous in part, slightly silty in part.
- 4315-4320 No sample.
- 4320-4330 As above.
- 4330-4335 As above; little limestone, gray to dark tan, fine crystalline, dense; trace anhydrite, white, dense.
- 4335-4340 Shale as above and limestone, gray-dark gray, medium crystalline, fair inter-crystalline porosity (looks fair permeability), slightly stained in part, slight cut on few pieces on dark gray; trace anhydrite, white.
- 4340-4350 Limestone, gray, medium crystalline, fair inter-crystalline porosity, no fluorescent; little limestone, has dead oil stain, fair fluorescent (yellow); little limestone, dark brown, fine crystalline, dense; trace anhydrite.

- 4350-4360 Limestone, light gray, fine-medium crystalline to sucrosic, good pin point porosity, very slight fluorescent on few pieces, very slight stain on few chips.
- 4360-4370 As above, little shale, black, calcareous, micaceous; no stain or fluorescent, getting tighter.
- 4370-4380 Limestone as above; little anhydrite, white, dense.
- 4380-4390 Anhydrite, white, dense to sucrosic; some limestone, light gray, sucrosic; little shale, black, calcareous.
- 4390-4395 Anhydrite, white to light gray-tan, dense; some dolomite, light brown-gray, fine crystalline, dense, no fluorescent.
- 4395-4400 As above; some shale, black, calcareous.
- 4400-4410 Dolomite, tan to light brown, fine crystalline, dense, calcareous in part; some anhydrite, gray to white; little shale, black.
- 4410-4415 Dolomite as above; some anhydrite, white to gray, fine crystalline to dense.
- 4415-4420 Dolomite as above, anhydrite decreased to little.
- 4420-4450 Dolomite, tan, fine crystalline, dense; some dolomite, tan to light brown, fine crystalline to sucrosic, good pin point porosity, slight fluorescent, good cut, looks stained.
- 4450-4460 Dolomite, tan, fine crystalline, sucrosic; some pin point to small vugular porosity, no fluorescent.
- 4460-4465 As above, trace light yellow fluorescent, looks oil stained; little dolomite, light brown, fine crystalline, dense; little shale, black carbonaceous, slightly calcareous, slightly micaceous.
- 4465-4470 Shale, black, carbonaceous, slightly calcareous, micaceous in part; some dolomite as above.
- 4470-4475 Shale as above; little dolomite as above.
- 4475-4490 Limestone, light gray, fine crystalline to sucrosic, silty, shaly, soft; some shale, black, calcareous, carbonaceous. Very poor samples.
- 4490-4505 As above; trace dolomite, dark brown, fine crystalline, dense.
- 4505-4510 As above, little anhydrite, light gray to white, dense, hard to fine crystalline, soft; little limestone, dark brown, fine crystalline, dense, shaly.
- 4510-4515 Anhydrite, white to light gray, dense to soft; little shale, black; little limestone, sucrosic.
- 4515-4535 As above; anhydrite has black shale inclusions.
- 4535-4545 As above; little limestone, dark brown, fine crystalline, dense.
- 4545-4570 As above; black shale increased to some.

- 4570-4575 Dolomite, light gray, fine crystalline; some shale, dark brown to black, calcareous; little limestone, gray, fine crystalline, dense; little anhydrite, white, fine crystalline, soft.
- 4575-4590 Shale, dark gray to black, carbonaceous, calcareous, micaceous in part; little dolomite, light brown, fine crystalline, dense.
- 4590-4620 As above, no dolomite.
- 4620-4640 Shale, black, carbonaceous, calcareous, slightly micaceous in part.
- 4640-4650 Shale, dark gray to black, carbonaceous, calcareous, slightly micaceous in part; little siltstone, light gray, shaly, dolomitic. Very poor sample, cavings of red beds.
- 4650-4660 As above; little anhydrite, white, soft.
- 4660-4760 Salt (assumed by drilling time). Samples are black shale; little calcareous siltstone; trace limestone; trace anhydrite.
- 4760-4770 Shale, black, carbonaceous, calcareous; some anhydrite, white; little dolomite, tan, fine crystalline.
- 4770-4790 Shale as above.
- 4790-4800 Shale, dark gray-black, calcareous; some anhydrite, gray to white, soft.
- 4800-4880 Shale, dark gray to black; some siltstone, gray, very calcareous, shaly, anhydritic; little anhydrite, white. Should be salt.
- 4880-4910 Salt, clear to white; little anhydrite, white; little shale, black; little dolomite, brown. Everything but salt is cavings.
- 4910-4920 Shale, black, carbonaceous, calcareous; trace anhydrite, white, sucrosic.
- 4920-4940 As above, no anhydrite.
- 4940-4960 As above; little dolomite, brown, fine crystalline, dense, shaly.
- 4960-4980 Shale, black, carbonaceous, slightly calcareous; some dolomite, gray to light brown, fine crystalline, dense, shaly in part.
- 4980-4990 As above, no dolomite.
- 4990-5000 Salt, clear to light gray; trace gray anhydrite, soft.
- 5000-5030 Salt as above.
- 5030-5060 Salt, clear to light gray.
- 5060-5180 Salt, clear to light tan.
- 5180-5290 Salt, clear to light tan; trace anhydrite, white, soft.
- 5290-5300 Salt as above; some shale, gray to dark gray, calcareous in part.

5300-5320 Shale, dark gray-gray, calcareous; little anhydrite, gray to white.
 5320-5330 Salt, clear to light gray.
 5330-5400 Salt, clear to light gray in part.
 5400-5410 Salt, clear; little shale, dark gray to black, calcareous.
 5410-5420 Salt, clear to light gray.
 5420-5480 Salt, clear to white.
 5480-5500 Salt, clear to light gray.
 5500-5510 Salt, clear and shale, dark gray-black, calcareous; little anhydrite, gray, calcareous, shaly.
 5510-5540 Shale, dark gray to black, calcareous; little limestone, light gray, very sandy, shaly.
 5540-5550 Salt, clear to light gray; some shale, dark gray to black; little anhydrite, gray.
 5550-5600 Salt, clear to light gray.
 5600-5690 Salt, white to clear.
 5690-5700 Anhydrite, gray, very soft, shaly; some shale, black, carbonaceous, calcareous; little dolomite, light brown, fine crystalline, dense.
 5700-5720 Shale, black, carbonaceous, calcareous; some anhydrite, gray, shaly.
 5720-5750 Salt, clear to white.
 5750-5770 Salt, light gray to white.
 5770-5790 Salt, light gray to clear, slightly anhydritic in part.
 5790-5890 Salt, clear to white.
 5890-5900 As above; little anhydrite, white to gray, shaly in part.
 5900-5920 Shale, black, carbonaceous; trace anhydrite, white, soft.
 5920-5960 Salt, clear to white.
 5960-5980 Shale, black, carbonaceous; little anhydrite, gray, soft.
 5980-6020 As above; little dolomite, dark brown, fine crystalline, dense, shaly.
 6020-6050 Salt, clear to white.
 6050-6070 Salt, clear to slight orange tint; trace anhydrite, white, soft.
 6070-6100 Salt, clear to white.

6100-6130 Salt, white to clear, anhydritic in part; trace shale, black.
 6130-6140 Shale, black, carbonaceous; little anhydrite, white, sucrosic, soft.
 6140-6150 Shale as above.
 6150-6160 Shale, black, carbonaceous; little anhydrite, white to gray, soft.
 6160-6250 Salt, clear to white.
 6250-6270 Salt, clear to white.
 6270-6280 Shale, black, carbonaceous.
 6280-6310 Salt, clear to white.
 6310-6340 Shale, black, carbonaceous; some anhydrite, white, sucrosic, soft; little dolomite, brownish gray, fine crystalline, silty, dense.
 6340-6370 Salt, white to clear, anhydritic in part.
 6370-6400 Salt, clear to white.
 6400-6470 Salt, clear to white.
 6470-6490 Shale, black, carbonaceous; little anhydrite, white.
 6490-6540 Salt, clear to light gray.
 6540-6550 As above; trace anhydrite, white, soft.
 6550-6600 Salt, clear to light gray; trace anhydrite, white, soft.
 6600-6620 Salt, clear to light gray; trace shale, black, carbonaceous.
 6620-6700 Salt, clear to light gray.
 6700-6810 Salt, clear to white.
 6810-6830 Shale, black, carbonaceous; little anhydrite, white, soft.
 6830-6850 Salt, clear to light gray.
 6850-6940 Salt, clear to light gray.
 6940-7000 Salt, clear to white, slightly anhydritic.
 7000-7150 Salt, clear; trace to little black, carbonaceous shale (cavings).
 7150-7270 Salt, clear to light gray; little black shale cavings.
 7270-7280 Shale, black to dark gray, carbonaceous; little anhydrite, white, soft.
 7280-7300 Shale as above.
 7300-7310 Shale, black, carbonaceous; little anhydrite, white, soft.

7310-7450 Salt, clear to white to light gray.
 7450-7460 Salt, clear to white.
 7460-7480 Shale, black, carbonaceous; little anhydrite, white to gray, soft.
 7480-7520 Salt, clear to white.
 7520-7530 Shale, black, carbonaceous; little anhydrite, white, soft.
 7530-7550 Salt, clear to white.
 7550-7570 Shale, gray to black, carbonaceous; little anhydrite, white, soft.
 7570-7580 Salt, light gray to clear.
 7580-7590 Anhydrite, white, soft; some shale, black, carbonaceous.
 7590-7600 Shale, black, carbonaceous; little dolomite, brown, fine crystalline.
 7600-7610 Shale, black, carbonaceous, pyritic, slightly micaceous in part.
 7610-7620 As above; little anhydrite, white, soft.
 7620-7700 Salt, clear to light gray.
 7700-7840 Salt, clear to light gray.
 7840-7850 Shale, black, carbonaceous; little anhydrite, white, soft.
 7850-7880 Salt, clear to light gray; slightly anhydritic (white to gray).
 7880-7890 Salt, clear to light gray; trace shale, black, carbonaceous; trace anhydrite, white.
 7890-7930 Salt, light gray; little salt orange.
 7930-8000 As above, orange salt decreased to trace.
 8000-8040 Salt, light gray to white; trace salt, light orange.
 8040-8075 Salt, clear to white.
 8075-8080 Anhydrite, white, soft; little shale, black, carbonaceous.
 8080-8090 Shale, black, carbonaceous; some anhydrite, white, soft.
 8090-8100 As above; little dolomite, dark gray, fine crystalline, dense.
 8100-8110 Dolomite, dark gray, fine crystalline, dense, limey; some shale, black, carbonaceous, pyritic; little dolomite, light gray, very sandy, soft; trace anhydrite, white, soft.
 BASE SALT at 8075' -1542.
 8110-8115 Shale, black, carbonaceous, pyritic; little dolomite, gray, fine crystalline to sucrosic; some salt cavings.

- 8115-8120 As above; little anhydrite, white, soft.
- 8120-8135 Shale, black to dark gray, carbonaceous; trace dolomite, gray, sucrosic, shaly, salt cavings.
- 8135-8140 Shale, gray, dolomitic, silty; some shale, black, carbonaceous; little dolomite, gray, sucrosic, silty, shaly.
- 8140-8145 Shale, black, carbonaceous, pyritic, and dolomite, dark gray, fine crystalline, dense; little siltstone, gray, dolomitic.
- 8145-8150 As above, dolomite decreased to little.
- 8150-8155 Dolomite, brown, fine crystalline, crumbly, light yellow brown fluorescent, good streaming cut, looks saturated; and dolomite, gray, fine crystalline, dense, silty.
- 8155-8160 Dolomite, light brown, fine crystalline to sucrosic; light yellow fluorescent; some shale, black, carbonaceous.
- 8160-8170 Shale, black, carbonaceous; some dolomite, dark brown, fine crystalline, dense to sucrosic; trace chert, white.
- 8170-8180 Limestone, light tan, very fine crystalline, dense; little shale, black, carbonaceous; soft; trace chert, gray; trace anhydrite, white to gray, soft.
- 8180-8190 Shale, gray to black, calcareous in part, carbonaceous in part; little limestone, tan, fine crystalline, dense; trace shale, green-gray, calcareous in part; trace chert, light brown.
- 8190-8200 As above, trace chert, white.
- 8200-8215 Shale, light greenish gray, soft; some limestone, tan, fine crystalline, dense; little shale, black, carbonaceous, pyritic; little chert, white to tan.
- 8215-8220 Limestone, tan-white, very fine crystalline, dense; some shale, dark green gray to black; trace dolomite, dark brown; trace chert, white.
- 8220-8225 As above, chert increased to little.
- 8225-8230 As above, chert decreased to trace.
- 8230-8235 Limestone, light gray to white, very fine crystalline, dense; some shale, black, carbonaceous; little shale, light greenish gray.
- 8235-8240 Shale, black, carbonaceous; little limestone, gray to tan, fine crystalline, dense; little chert, light gray to white; little shale, light greenish gray; trace shale, purple-red.
- 8240-8250 As above, chert increased to some.
- 8250-8260 Shale, dark chocolate brown; some limestone, light tan, fine crystalline; little shale, blue green; trace shale, red green; trace chert, light tan.

- 8260-8270 Shale, light green; some shale, reddish purple; some limestone, tan to cream, fine crystalline, dense; little shale, black; trace chert, white.
- 8270-8280 Limestone, tan to light gray, fine crystalline, dense; little shale, gray-green gray; trace shale, light green; trace shale, red, purple; trace chert, white to light gray brown.
- 8280-8285 Limestone as above; some shale, dark gray; trace shale, light green; trace shale, red purple; trace chert, tan to white; trace limestone, pink, medium crystalline, dense.
- 8285-8290 Dolomite, light brown, fine crystalline, dense to sucrosic, light yellow fluorescent - looks oil stained; little shale, gray to black; trace chert, light brown to tan.
- 8290-8295 As above, little limestone, light gray, very fine crystalline.
- 8295-8300 Limestone, light tan-light gray, fine crystalline, dense; trace dolomite as above; some white chalky limestone (probably ground up limestone); trace shale, black, carbonaceous, pyritic (cavings) trace shale, red.
- 8300-8305 Limestone as above; little dolomite, tan to dark gray, fine crystalline, dense.
- 8305-8316 Limestone, white, chalky (ground up?); little shale, black to gray; trace chert, light gray.
- Corrected depth from 8316 to 8321'.
- Core #1, 8321-8344', Cut 23', recovered 21½'.
- 8321-8322 Limestone, light gray to tan, fine crystalline, dense; little dolomite, tan, very fine crystalline, dense, no fluorescent.
- 8322-8323 Limestone as above, fine-medium crystalline, no dolomite.
- 8323-8325 As above; shale, black, irregular fracture filling.
- 8325-8328 Limestone, light tan, fine crystalline, dense, no fluorescent, parting filled w/black shale (hairline); no visible porosity, no fluorescent.
- 8328-8329 Dolomite, gray, very fine crystalline to sucrosic; looks stained slightly; trace light brown fluorescent.
- 8329-8330 Limestone, tan-fine crystalline, hard, dense, no fluorescent, no porosity; little shale, black, calcareous, surrounding limestone dolomite fragments.
- 8330-8331 Limestone as above.
- 8331-8333 As above, shaly in part.
- 8333-8334 Dolomite, gray to light tan, fine crystalline, dense, brecciated in part.

- 8334-8335 As above, little shale, black, pyritic in breccia.
- 8335-8336 Dolomite, tan, fine crystalline, dense, very shaly, slightly pyritic.
- 8336-8338 Limestone, light tan-gray, fine-medium crystalline, dense, hard, no visible porosity, no fluorescent.
- 8338-8339 As above, slightly shaly.
- 8339-8340 Limestone, tan to light brown, fine crystalline, dense, w/recrystallized crinoid stems; very slight trace of fluorescent.
- 8340-8341 Limestone, tan, fine crystalline, dense, no porosity, no fluorescent.
- 8341-8343 As above, shaly in part w/pyrite in shale partings, little fossil hash?
- 8343-8344 No recovery.
- Core #2, 8344-8388', Cut 44', recovered 43'.
- 8344-8348 Limestone, gray-tan, very fine crystalline, dense, little recrystallized crinoid stems, few hairline fractures filled w/black sulphur residue, no fluorescent.
- 8348-8349 As above, some shale, light gray, slight calcareous, very finely micaceous.
- 8349-8352 Limestone, gray to tan, calcareous arenite, composed of fine crystalline, medium-coarse grain, surrounded by black sulphur residue, few recrystallized crinoid stems, no fluorescent, trace porosity.
- 8352-8354 As above, fragments of brachiopods.
- 8354-8358 Limestone, gray, fine crystalline, dense, few recrystallized crinoid stems; shale, light green gray, waxy partings.
- 8358-8359 Limestone, gray-tan, fine crystalline, calcareous arenite, dense, black sulphur residue in hairline fractures and matrix in part; crinoid stems.
- 8359-8360 As above, green-gray waxy shale partings w/thin band of black residue between shale and limestone.
- 8360-8364 Dolomite, light gray, pyritic, shaly, finely disseminated throughout, very slightly calcareous; some limestone, light gray, very fine crystalline interbedded w/dolomite.
- 8364-8365 Dolomite, light blue-gray, very fine crystalline, dense.
- 8365-8366 As above, shaly, pyritic.
- 8366-8367 Limestone, gray-tan, fine crystalline, dense, tite, trace fossil hash, trace black residue.
- 8367-8368 As above and shale, green gray, waxy to earthy.
- 8368-8370 Limestone as above.

- 8370-8372 As above, abundant black residue in fractures.
- 8372-8373 Limestone, gray-tan, fine crystalline, calcarenite, medium-fine grain, black residue coating some grains, fair porosity along residue.
- 8373-8374 Shale, light green blue, and dolomite, gray, very fine crystalline brecciated; trace medium grain, well rounded quartz grains floating in shale.
- 8374-8376 Dolomite, light gray, very fine crystalline, very shaly, soft.
- 8376-8377 Limestone, tan, fine crystalline, dense and limestone, gray, earthy, brecciated.
- 8377-8379 Limestone, tan, very fine crystalline to sub-lithographic, dense, fossiliferous; little shale, gray, pyritic.
- 8379-8380 As above, limestone has sub conchoidal fractures.
- 8380-8383 As above, brecciated zone (gouge?) with medium grain sand grains.
- 8383-8384 Shale, gray, pyritic, sandy (medium grain).
- 8384-8385 Shale, light blue gray, pyritic (finely disseminated), calcareous.
- 8385-8386 Limestone, tan, fine crystalline, dense and shale as above.
- 8386-8387 Limestone, dark gray, fine crystalline, very shaly, dense, no porosity.
- 8387-8388 No recovery.

DST #2, 8311-8388' (77'). Weak blow of air throughout. Recovered 220' slightly gas cut drilling fluid (no-block). IHH 4000; Initial Opening 3"; ISIP 1040/30"; IFP 95; WFP 110/60"; FSIP 920/30"; FHH 4020; BHP 162°.

Core #3, 8388-8435'. Cut and recovered 47'.

- 8388-8389 Shale, light gray, slightly sandy, fine grain, well rounded grains floating in the shale.
- 8389-8390 As above w/few blebs of blue green, waxy shale.
- 8390-8391 Shale, light gray, w/very finely disseminated pyrite.
- 8391-8392 Limestone, tan, sub-lithographic, dense, w/abundant vugs completely filled w/clear calcite.
- 8392-8393 Limestone, tan, fine crystalline, dense and dolomite, gray, fine crystalline, dense, brecciated.
- 8393-8395 Shale as above.
- 8395-8396 Limestone, light gray, fine crystalline, dense, dolomitic.
- 8396-8397 Dolomite, gray, fine crystalline, dense, very few floating sand grains, trace pyrite in fractures.

8397-8398 Dolomite as above; little shale, gray-green, waxy.

8398-8399 Dolomite, tan-gray, fine crystalline, dense, calcareous; thin streaks of black residue.

8399-8400 Dolomite as above, thin black shale partings.

8400-8401 Dolomite as above.

8401-8402 Dolomite, light gray, fine crystalline, trace inter-crystalline porosity, trace finely disseminated pyrite.

8402-8403 Dolomite, gray-tan, fine crystalline, dense, black residue stained in part; little shale, black.

8403-8404 Dolomite, tan, fine crystalline, dense and shale, black, pyritic, brecciated.

8404-8405 Dolomite, dark gray, fine crystalline, dense, very shaly and anhydrite, white, sucrosic, inclusions.

8405-8408 Dolomite as above.

8408-8410 Limestone, dark brown, fine crystalline to sucrosic, good inter-crystalline porosity, no fluorescent.

8410-8412 Dolomite, gray brown, very fine crystalline, dense to earthy, calcareous.

8412-8413 As above; little shale, blue gray, pyritic.

8413-8415 Dolomite as above.

8415-8416 Dolomite, gray-dark gray, fine crystalline, dense, some stained black and porous.

8416-8418 Dolomite, tan, very fine crystalline; shale, green-gray, pyritic parting.

8418-8419 Dolomite, gray-tan, fine crystalline, dense.

8419-8420 As above, becoming earthy.

8420-8423 Dolomite, light brown, very fine crystalline to sucrosic or earthy, looks stained, no fluorescent.

8423-8424 Dolomite, gray, fine crystalline, dense, few hairline fractures coated w/residue.

8424-8425 Dolomite, light brown, very fine crystalline to sucrosic, looks stained.

8425-8426 Dolomite, gray, fine crystalline, good vuggy porosity, dense.

8426-8427 Limestone, tan-gray, fine crystalline, dense, abundant recrystallized crinoid stems.

8427-8428 As above; some shale, black to green gray, pyritic.

- 8428-8431 Limestone as above.
- 8431-8432 Dolomite, black, fine crystalline, sucrosic, fair pin point porosity, large anhydrite white inclusions.
- 8432-8433 Limestone, gray, fine crystalline, dense, very shaly, little porosity coated w/black residue.
- 8433-8435 Limestone, tan, fine crystalline, dense, recrystallized crinoid stems.
Core #4, 8435-8462', Cut 27', recovered 16'.
- 8435-8436 Limestone, gray-tan, fine crystalline, dense, some crinoid stems; little shale, green gray, pyritic.
- 8436-8437 Shale, greenish gray, soft.
- 8437-8438 Limestone as above w/shale partings as above.
- 8438-8439 Limestone, gray-tan, fine-coarse crystalline, very abundant recrystallized crinoid stems; trace inter-crystalline porosity; little brown to dark brown staining, no fluorescent.
- 8439-8440 As above, staining increased.
- 8440-8442 Limestone as above, poor pin point porosity and trace of inter-crystalline porosity; small open fractures coated w/black residue.
- 8442-8443 As above, staining decreased to trace.
- 8443-8448 Limestone, light brownish gray, fine crystalline to sucrosic, few crinoid stems, looks stained; trace vuggy porosity; trace light brown, dull fluorescent.
- 8448-8450 As above, trace dull yellow brown fluorescent.
- 8450-8451 Limestone, tan, fine crystalline, dense, abundant recrystallized crinoid.
- 8451-8462 No recovery.
DST #3, 8382-8462'. Strong blow of air, GTS in 2 minutes, salt water to surface in 1 hour and 20 minutes, estimated 1/2 bbl. salt water in 10 minutes. Metered 860 MCFG at end of test, recovered 400' of fluid being 150' drilling fluid top, 250' distillate. Out drilling fluid (80% distillate). IHP 4100, initial opening 3 minutes; ISIP 2780/30"; IF 30; FF 295/90"; PSIP 2320/30"; FHH 4045.
Core #5, 8462-8500', Cut and recovered 38'.
- 8462-8468 Dolomite, gray, fine crystalline, dense, good vuggy porosity, probably dissolved crinoid stems in part; brown stain in vugs and partings of matrix, no fluorescent; few small anhydrite? crystals in some vugs (not filling vugs), good odor; bleeding distillate and gas.
- 8468-8473 Limestone, gray-tan, fine crystalline, dense, very abundant fossil hash (crinoid stems) slight staining near few hairline fractures.

- 8473-8478 As above, becoming less fossiliferous.
- 8478-8480 Limestone, gray, fine crystalline, dense, fossiliferous (brachiopods and crinoid stems) brown staining throughout, good odor.
- 8480-8482 Limestone as above, good vuggy porosity coated w/black residue, bleeding distillate, good odor.
- 8482-8484 Dolomite, dark brown-gray, fine crystalline, sucrosic, calcareous, poor pin point porosity to vuggy, looks saturated, good odor.
- 8484-8485 As above w/white anhydrite increased to 1" diameter.
- 8485-8486 Limestone, light brown-gray, fine crystalline to sucrosic, fossiliferous (crinoid stems), trace pin point porosity, good odor.
- 8486-8490 As above, good bleeding of light yellow oil.
- 8490-8492 As above, trace bleeding.
- 8492-8497 Limestone, light brown-gray, fine crystalline to sucrosic, abundant crinoid stems, trace pin point porosity, good light brown stain, trace black residue, good odor.
- 8497-8500 As above, trace vuggy porosity.
- DST #3-A, 8381-8462'. Open with strong blow of air, gas to surface in 3 minutes, recovered mud in separator after 1 hour and 50 minutes (approximately 1 bbl. in 1 hour and 10 minutes) and trace of salt water. Metered 455 MCF gas. Recovered 630' fluid total being 180' of gas and distillate cut mud and 450' distillate slightly muddy. Initial opening 3". IHH 4070; ISIP 2765/30"; IF 295; FF 280/180"; FSIP 2320/30"; FHH 4060.
- Lost about 50 bbl. mud between 8495 and 8500'.
- Core #6, 8500-8533', Cut and recovered 33'.
- 8500-8501 Limestone, gray, fine crystalline, very abundant crinoid stems, good black staining, trace pin point porosity, strong H₂S odor.
- 8501-8513 As above, trace small vuggy porosity.
- 8513-8515 Limestone, dark gray, fine crystalline, sucrosic, some light gray crinoid stems, earthy texture, good odor, good inter-crystalline porosity.
- 8515-8516 Dolomite, light gray, fine crystalline, good vuggy porosity, vugs stained brown to black with residue.
- 8516-8519 Limestone as above w/trace of pin point porosity.
- 8519-8521 Dolomite, dark gray, fine crystalline, sucrosic, little inter-crystalline porosity.
- 8521-8524 Limestone, gray-tan, fine crystalline, few crinoid stems, trace small vuggy porosity, stained in part.

- 8524-8525 Limestone, dark gray, fine crystalline to earthy, good pin point porosity, good odor.
- 8525-8527 Limestone, gray, fine crystalline to earthy, abundant crinoid stems, good pin point porosity, black stained.
- 8527-8528 Limestone, tan, fine crystalline, dense, few crinoid stems.
- 8528-8530 As above, some brown staining with pin point porosity.
- 8530-8533 Limestone, gray-dark gray, fine crystalline to earthy w/pin point porosity, good odor, some crinoid stems.
- DST #4, 8462-8533'. Opened with strong blow immediately. Gas to surface in 2 minutes, mud to surface in 4 minutes. Turned fluid into tank after 30 minutes, recovered distillate at rate of 27 bbl. per hour in 10 minute test. Reversed out, no fluid recovery in pipe. Initial opening 3"; IH 4090; ISIP 2850/30"; IF 1500; FF 1920/40"; FSIP 2810/30"; FH 4070. BHT 168°. Metered 6450 MCF gas.
- Core #7, 8533-8569' Cut and recovered 36'.
- 8533-8538 Limestone, light to dark gray, fine crystalline, very fossiliferous (crinoid stems), trace pin point porosity, good stain, no fluorescent, good odor.
- 8538-8539 Dolomite, gray, fine crystalline, dense, trace poor vuggy and pin point porosity, slight bleeding, black residue on surface of vugs.
- 8539-8543 Limestone as above.
- 8543-8545 Limestone, dark gray, fine crystalline, good staining, few fossils.
- 8545-8546 Dolomite, gray, fine crystalline, dense, good vuggy porosity, good staining on surface of vugs, few anhydrite crystals in vugs.
- 8546-8547 Limestone, gray-dark gray, fine crystalline, fossiliferous (crinoid stems), inter-crystalline porosity.
- 8547-8548 Dolomite as above.
- 8548-8551 Dolomite, light tan, fine crystalline, trace inter-crystalline porosity, trace pin point porosity.
- 8551-8554 Dolomite, gray, fine crystalline, very good vuggy porosity, abundant medium size dolomite crystals lining vugs, good odor and stain, abundant fossil voids.
- 8554-8558 As above, porosity decreased to good.
- 8558-8562 As above, few large vugs.
- 8562-8564 Dolomite, gray, fine crystalline, excellent vuggy porosity, vugs lined w/medium crystals of dolomite (crinoid voids abundant).
- 8564-8569 Dolomite, black, fine crystalline to sooty, earthy, saturated, very good vuggy and pin point porosity, good odor.

Core #8, 8569-8598', Cut 29', recovered 27'.

- 8569-8571 Dolomite, dark gray, fine crystalline, little pin point and vuggy porosity, looks saturated, good odor.
- 8571-8573 Dolomite, tan to gray, fine crystalline, dense, brecciated, trace pin point and vuggy porosity, black residue on porosity, good odor, saturated in part, shaly in part (black).
- 8573-8575 Dolomite, gray-tan, fine crystalline, dense, trace vuggy porosity, badly brecciated and mixed w/black shale.
- 8575-8576 Dolomite, dark gray to black, fine crystalline, sucrosic, trace pin point porosity, good odor, trace recrystallized crinoid stems, looks saturated.
- 8576-8577 As above, no fossils.
- 8577-8579 As above, trace vuggy porosity.
- 8579-8582 As above, looks less saturated.
- 8582-8585 Dolomite, gray-dark gray, fine crystalline, looks partly saturated, fair vuggy porosity, good odor, some porosity due to fenestrella fossil molds, small dolomite crystals coating some of the porosity.
- 8585-8586 Dolomite as above, little excellent vuggy porosity, no fossils.
- 8586-8588 Dolomite, gray, fine crystalline, dense, good odor, slight pin point porosity, saturated in part.
- 8588-8591 As above, slight vuggy porosity.
- 8591-8593 Dolomite, light gray, fine crystalline, dense, good-poor vuggy porosity, good odor, saturated in part, few crinoid molds.
- 8593-8594 Dolomite, black, fine crystalline-earthy, saturated, good odor; little anhydrite, white, sucrosic.
- 8594-8596 Dolomite, gray-tan, fine crystalline, dense.
- 8596-8598 No recovery.

Core #9, 8598-8649', Cut 51', recovered 51'.

- 8598-8599 Dolomite, dark gray-black, fine crystalline-sucrosic, saturated, good odor; trace small vuggy porosity, small dolomite crystals lining vugs.
- 8599-8600 As above, not saturated.
- 8600-8601 As above, good vuggy porosity, mostly saturated.
- 8601-8602 Dolomite, gray-tan, fine crystalline, dense, trace vuggy porosity, trace hairline fractures w/black residue.
- 8602-8603 As above, fossiliferous in part (fenestrella).

- 8603-8604 Dolomite as above, fair vuggy porosity, crinoid moulds, partly saturated, good odor.
- 8604-8605 Dolomite, dark gray-tan, fine crystalline, dense, no visible porosity, hairline fractures, very tight.
- 8605-8607 Dolomite, dark gray-tan, fine crystalline, good vuggy porosity, saturated, good odor, vugs lined w/small dolomite crystals.
- 8607-8609 Dolomite, gray, fine crystalline, dense, fair vuggy porosity, not saturated, vugs lined w/small dolomite crystals, good odor.
- 8609-8611 As above, partly saturated.
- 8611-8613 Dolomite, gray, fine crystalline, good vuggy porosity lined w/small dolomite crystals, good odor, fair saturation.
- 8613-8614 Dolomite, dark gray-black, fine crystalline-sucrosic, good inter-crystalline porosity, saturated, good odor.
- 8614-8615 Dolomite, gray, fine crystalline, dense and sucrosic, saturated, good odor.
- 8615-8617 Dolomite, gray, fine crystalline, dense, little pin point porosity, partly saturated, good odor.
- 8617-8618 Dolomite, dark gray, fine crystalline-sucrosic, saturated, good odor.
- 8618-8619 Dolomite, light gray, fine crystalline, dense, little vuggy porosity, partly saturated, good odor.
- 8619-8620 As above, brecciated in part.
- 8620-8622 Dolomite, dark gray, fine crystalline, sucrosic, saturated, little vuggy porosity.
- 8622-8623 Dolomite, gray, fine crystalline, dense, trace vuggy porosity, good odor, little saturation.
- 8623-8624 As above, good vuggy porosity w/anhydrite crystals inside, good saturation and odor.
- 8624-8625 As above, little vuggy porosity, little saturation.
- 8625-8628 Dolomite, dark gray, fine crystalline-sucrosic, good pin point porosity, saturated, good odor.
- 8628-8630 Dolomite, gray, fine crystalline, dense, little vuggy porosity lined w/dolomite crystals, slight saturation good odor.
- 8630-8631 Dolomite, black, earthy; little vuggy porosity.
- 8631-8635 Dolomite, light-dark gray, fine crystalline-sucrosic, fair pin point to vuggy porosity, mostly saturated, good odor.
- 8635-8637 As above, few small anhydrite crystals in vugs.
- 8637-8638 Dolomite, gray to tan, fine crystalline, dense, trace vuggy to pin point porosity, slightly saturated.

8638-8639 Dolomite, dark gray, fine crystalline-sucrosic, good saturation, good odor.

8639-8641 As above, fair vuggy porosity, good saturation and odor.

8641-8642 Dolomite, gray, fine crystalline, dense, trace vuggy porosity, few random fractures, stained on surface.

8642-8643 Dolomite, dark gray-black, fine crystalline-sucrosic, saturated, good odor.

8643-8644 Dolomite, light gray, fine crystalline, dense, trace vuggy porosity; little chert, light brown.

8644-8646 Dolomite as above.

8646-8647 As above, trace chert, white to brown.

8647-8649 As above, good vuggy porosity, saturated in part, good odor.

Core #10, 8649-8660', Cut 11', recovered 10'.

8649-8650 Dolomite, light gray, fine crystalline, dense, cherty.

8650-8652 Dolomite, gray, fine crystalline, dense, fair vuggy porosity, vugs lined w/small dolomite crystals, trace crinoid stems, saturated in part, good odor.

8652-8653 Dolomite as above and trace pin point porosity.

8653-8657 Dolomite, dark gray, fine crystalline, sucrosic, trace pin point porosity, saturated, good odor.

8657-8659 Dolomite, gray, fine crystalline, good vuggy porosity, saturated in part, good odor.

8659-8660 No recovery.

Core #11, 8660-8693', Cut 33', recovered 32'.

8660-8661 Dolomite, gray, fine crystalline, fair vuggy porosity, vugs lined w/small dolomite crystals, saturated in part, good odor, trace fossil molds.

8661-8663 As above, porosity decreased to poor.

8663-8664 Dolomite, gray, fine crystalline, dense, trace pin point and vuggy porosity, saturated in part.

8664-8666 Dolomite, gray, fine crystalline, poor vuggy porosity, saturated in part, good odor, vugs lined w/small dolomite crystals, black residue in part.

8666-8667 Dolomite, black, earthy, saturated, good odor.

8667-8668 Dolomite, gray, fine crystalline, dense, poor vuggy porosity, saturated, good odor.

8668-8670 Dolomite, gray, fine crystalline, fair vuggy porosity, lined w/small dolomite crystals and black residue in part, saturated in part, good odor.

8670-8672 As above, porosity decreased to poor.

8672-8674 Dolomite, dark gray-black, earthy, saturated, some dolomite, gray, fine crystalline, dense, trace vuggy porosity.

8674-8677 Dolomite, gray, fine crystalline, good small vuggy porosity, stained w/black residue, saturated in part, good odor.

8677-8678 As above, porosity decreased to fair.

8678-8681 As above, porosity increased to good.

8681-8682 Dolomite, dark gray-tan, fine crystalline, dense, abundant fractures filled w/black residue.

8682-8684 Dolomite, light gray, fine crystalline, dense, trace pin point to vuggy porosity, few random fractures.

8684-8686 Dolomite, light gray, fine-medium crystalline, calcarenite, saturated, good odor, good inter-crystalline porosity.

8686-8688 Dolomite, gray, fine crystalline, dense, little vuggy porosity, little pin point porosity, saturated in part, good odor.

8688-8689 As above, very good inter-crystalline porosity.

8689-8690 Dolomite, dark gray, fine crystalline-sucrosic, good pin point to slightly vuggy porosity, saturated in part.

8690-8692 Dolomite, gray, fine crystalline, fair pin point to vuggy porosity, saturated in part, good odor.

8692-8693 No recovery.
Core #12, 8693-8753', Cut and recovered 60'.

8693-8695 Dolomite, gray, fine crystalline, dense, few fractures w/black residue, calcite along fractures.

8695-8696 Dolomite, gray-tan, fine crystalline, dense, trace pin point porosity, little black staining, looks saturated in part.

8696-8697 As above and dolomite, light tan, very fine crystalline, dense, tite.

8697-8698 Dolomite, light gray, fine-very fine crystalline, dense, poor to good vuggy porosity, saturated in part.

8698-8699 Dolomite, dark gray, fine crystalline-sucrosic, good inter-crystalline porosity, good odor, looks saturated.

8699-8700 As above, saturated in part.

8700-8701 As above, little vuggy porosity w/black residue.

8701-8702 Dolomite, gray, fine crystalline, dense, few fractures and stylolites filled w/black residue, brecciated appearance.

8702-8703 Dolomite, gray, fine crystalline to chalky, calcareous, dense, trace black residue on fractures.

8703-8705 Dolomite, dark gray, fine crystalline-sucrosic, looks saturated, good odor and some dolomite, gray, fine crystalline, dense, brecciated.

8705-8706 Limestone, tan, fine crystalline, dense, with pieces of dark gray, sucrosic dolomite enclosed in breccia.

8706-8707 Dolomite, tan, fine crystalline, dense, calcareous, good odor, little black residue.

8707-8711 Dolomite, dark gray, fine crystalline-sucrosic, little inter-crystalline porosity, looks saturated in part, good odor.

8711-8712 As above, porosity increased to good (Pin point porosity).

8712-8713 Dolomite, light gray, fine-very fine crystalline, dense, few hairline fractures.

8713-8714 As above, little black residue.

8714-8715 As above and anhydrite inclusion.

8715-8716 Dolomite, gray-dark gray, fine crystalline, good pin point porosity, w/black residue stain.

8716-8717 Dolomite as above, no porosity.

8717-8718 Dolomite, gray, fine crystalline, dense.

8718-8719 Dolomite, dark gray-gray, fine crystalline, dense, few fractures coated w/black residue.

8719-8720 Dolomite, gray, fine crystalline, dense, pyritic in part.

8720-8723 Dolomite, dark gray-gray, fine crystalline, fair pin point porosity, black residue stain.

8723-8724 Dolomite, gray, fine crystalline, dense.

8724-8725 Dolomite, gray, fine crystalline, dense, little pin point porosity w/black residue, trace pyrite.

8725-8726 As above, no porosity.

8726-8727 Dolomite, dark gray, fine crystalline, dense, w/black shale break.

8727-8730 Dolomite, gray, fine crystalline, dense, trace pin point porosity w/black residue.

8730-8731 As above, good pin point and inter-crystalline, porosity w/black residue.

8731-8733 Dolomite, dark gray, fine crystalline, dense, trace pin point porosity w/black stain, H₂S odor.

- 8733-8735 Dolomite, gray, fine crystalline, dense, little pin point porosity w/black residue.
- 8735-8738 Dolomite, dark gray-gray, fine crystalline, dense.
- 8738-8739 Dolomite, light gray, fine crystalline, dense.
- 8739-8740 Dolomite, gray, fine crystalline, dense, little pin point porosity w/black residue.
- 8740-8742 Dolomite, gray-tan, fine crystalline, dense.
- 8742-8744 As above, trace pin point porosity w/black residue.
- 8744-8745 Dolomite, light gray, fine crystalline, dense.
- 8745-8748 Dolomite, gray, fine crystalline, trace pin point porosity w/black residue.
- 8748-8749 Dolomite, light gray, calcarenite, well rounded, black residue around grains.
- 8749-8751 Dolomite, gray-dark gray, fine crystalline, dense, trace pin point porosity w/black residue.
- 8751-8753 Dolomite, dark brown, fine crystalline, calcareous, dense.

DST #5, 8535-8753', Tested 218'.

GTS in 2", mud to surface in 4". Gauged 27 bbls. distillate/hour in 46" test. Metered 7280 MCF gas thru 5/8" choke at end of test. Reversed out, no recovery in pipe. Initial opening 6"; IH 4160; ISIP 2885/30"; IF 2645; FF 2750/54"; FSIP 2885/30"; FHP 4160; BHT 135°.

DRILLED

- 8753-8760 Dolomite, gray-dark gray, fine crystalline, dense; little anhydrite, gray, shaly; trace gray-light green gray, waxy shale; trace shale, maroon - very poor sample.
- 8760-8765 Dolomite, gray-gray brown, fine crystalline, dense; little shale, gray-green gray, waxy in part; trace limestone, light gray, very fine crystalline, dense - very poor sample.
- 8765-8770 Limestone, dark gray, fine crystalline, dense; little limestone, light gray-white, fine crystalline, dense; some dolomite, dark gray, dense; little shale, gray to gray green.
- 8770-8780 As above, very poor sample, finely ground up.
- 8780-8785 As above, trace limestone, light gray, very fine crystalline, dense, very poor sample.
- 8785-8790 Limestone, gray-light gray, very fine crystalline, dense; little limestone, dark gray, fine crystalline, dense; trace shale, black, calcareous.
- 8790-8795 Limestone, light gray, very fine crystalline, dense; little limestone, dark gray, fine crystalline, dense; trace shale, light gray-green.

8795-8800 As above; trace shale, black.

8800-8810 Limestone, light gray-white, fine crystalline, dense; trace limestone, dark gray, fine crystalline; trace shale, black.

8810-8815 As above, very poor sample, finely ground up.

8815-8820 As above, trace shale, light green gray.

8820-8830 Limestone, cream, fine crystalline, dense; some limestone, gray-gray tan, fine crystalline, dense; trace shale, light blue gray, waxy.

8830-8840 As above, sample badly powdered.

8840-8845 Limestone, gray to green, fine crystalline, dense; little limestone, dark gray, fine crystalline, dense.

8845-8850 As above, limestone, dark gray, increased to some.

8850-8855 As above, little dolomite, dark gray-brown, fine crystalline.

8855-8860 Limestone, gray-green, fine crystalline, powdery to dense; little dolomite, dark gray-brown, fine crystalline, dense; trace shale, light blue.

8860-8865 Dolomite, gray-light brown, fine crystalline, dense; some limestone, gray-cream; trace shale, light blue.

8865-8885 Limestone, gray to cream, fine crystalline, dense to powdery; little shale, black; trace shale, light green gray, pyritic; little dolomite, gray, fine crystalline, dense.

8885-8890 Dolomite, dark gray, fine crystalline, dense; some limestone, green, fine crystalline; little limestone, light gray, fine crystalline, shaly, dolomitic; little shale, green gray.

8890-8895 Dolomite, gray-dark gray, fine crystalline, dense; little shale, black.

8895-8900 As above; little shale, light gray.

8900-8910 Dolomite, light gray-gray, fine crystalline, dense; trace shale, light green; trace chert, white, w/maroon staining.

8910-8915 As above, no chert.

8915-8920 Dolomite, gray-tan, fine crystalline, dense; some limestone, light gray, fine crystalline, dense; little shale, green-light green; trace shale, light gray, soft, dolomitic, pyrite inclusions and few floating well rounded quartz grains.

8920-8925 Dolomite, tan-gray, fine crystalline, dense; some shale, gray green; trace shale, light gray, sandy.

8925-8930 Dolomite, gray-tan, fine crystalline, dense; little dolomite, green gray, fine crystalline, dense; trace shale, light green.

8930-8945 Dolomite, gray-tan, fine crystalline, dense, pyritic in part; little shale, light green.

- 8945-8950 Dolomite, tan, very fine crystalline, dense; little dolomite, greenish gray, fine crystalline, dense; trace shale, dark gray-olive green; trace shale, light gray w/well rounded quartz grains, floating.
- 8950-8960 Dolomite, light brown-tan, fine crystalline, dense; some dolomite, gray-gray green, fine crystalline, dense; little shale, light green.
- 8960-8965 Dolomite, tan-gray, fine crystalline, dense; trace shale, dark gray, dolomitic, few fine grain, well rounded quartz grains.
- 8965-8975 Dolomite, tan-gray, fine crystalline, dense; little shale, green-gray.
- 8975-8980 Dolomite, gray-tan, fine crystalline, dense; little dolomite, gray, fine crystalline, sandy, w/well rounded quartz grains; trace quartzite, white to clear.
- 8980-8990 Dolomite, gray-light gray, fine crystalline, dense; little dolomite, light gray-cream, very fine crystalline, dense, very slightly pyritic, few floating well rounded quartz grains; little blue green dolomitic shale; trace white quartzite.
- 8990-9002 Dolomite, gray-light brown, fine crystalline, dense; some dolomite, gray, fine crystalline, dense; little blue green shale; little shale, dark gray.
- DST #6, 8755-9002', Very weak blow air immediately, increased slightly and continued throughout test. Recovered 250' gas cut drilling fluid. Initial opening 6"; IHP 4325; ISIP 592/30"; IF 100; FFP 130/60"; FSIP 392/30"; FHP 4292; BHT 135°.
- Core #13, 9002-9062', Cut and recovered 60'.
- 9002-9003 Dolomite, gray-dark gray, fine crystalline, dense; trace light blue shale, few rounded quartz grains, floating.
- 9003-9005 Dolomite, gray-brown, fine crystalline, dense.
- 9005-9008 Dolomite, light brown, very fine crystalline, dense; trace shale, light blue.
- 9008-9009 Dolomite, light gray-brown, fine crystalline, dense, few random fractures w/black stain.
- 9009-9010 As above, trace blue shale inclusions.
- 9010-9011 As above, trace white anhydrite inclusions.
- 9011-9012 Dolomite, tan, very fine crystalline, dense, trace pin point porosity w/little black stain.
- 9012-9013 As above w/blue gray shale partings.
- 9013-9014 Dolomite, tan, very fine crystalline, dense.
- 9014-9015 As above, trace pin point porosity.
- 9015-9016 As above, trace black residue in porosity.

9016-9018 As above, no porosity, trace green-blue shale.

9018-9019 Dolomite, brown, fine crystalline, dense, trace fair pin point porosity, very slight fluorescent in part.

9019-9020 As above; little anhydrite, white, inclusions.

9020-9022 Dolomite, tan, very fine crystalline, dense, some blue gray shale.

9022-9024 Dolomite, light brown, fine crystalline, dense.

9024-9025 As above, trace pin point porosity.

9025-9027 Dolomite, tan, very fine crystalline, dense, trace blue shale inclusions.

9027-9029 Dolomite, light tan, fine-very fine crystalline, dense, trace pin point porosity; trace black residue.

9029-9032 As above, black residue on fractures.

9032-9034 Dolomite, light tan, fine-very fine crystalline, dense, few inclusions of blue shale.

9034-9035 Dolomite, gray, very fine crystalline, dense, few floating fine grain quartz grains, well rounded.

9035-9036 Shale, blue gray, micaceous in part.

9036-9037 Dolomite, gray, very fine crystalline, dense, abundant sandstone grains, fine-medium grain, well rounded, in dolomite matrix.

9037-9039 Dolomite, brown, fine crystalline, dense.

9039-9040 Sandstone, gray, fine-medium grain, well rounded and dolomitic matrix, and dolomite as above.

9040-9042 Dolomite, gray brown, fine crystalline, dense, shaly.

9042-9043 Dolomite, light brown-gray, very fine crystalline, dense, slightly pyritic.

9043-9044 As above, some black pyritic shale.

9044-9045 Dolomite as above.

9045-9046 Dolomite, dark gray, fine crystalline, dense, trace pin point porosity.

9046-9048 Dolomite, dark gray-brown, fine crystalline, dense.

9048-9049 Dolomite, tan, very fine crystalline, dense, little black pyritic shale partings.

9049-9050 Shale, gray-dark gray; some dolomite, gray, fine crystalline, dense.

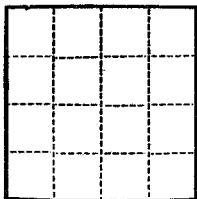
9050-9051 Dolomite, light gray, fine crystalline, dense, gray green shale inclusions.

- 9051-9052 Sandstone, gray, fine-medium grain, poorly sorted, well rounded, tite, dolomitic cement, no visible porosity.
- 9052-9053 As above, becoming very dolomitic.
- 9053-9054 Shale, gray-green, sandy in part.
- 9054-9056 Sandstone, gray, fine grain, poorly sorted, well rounded, few well rounded, medium grain, frosted quartz grains, tite.
- 9056-9058 Dolomite, gray, fine crystalline, dense, shaly.
- 9058-9059 Sandstone as above, slightly glauconitic, no porosity, tite.
- 9059-9062 As above, becoming quartzitic.
- Core #14, 9062-9115', Cut and recovered 53'.
- 9062-9063 Sandstone, light gray-white, medium-fine grain, very quartzitic, tite, hard, trace dolomitic cement, trace glauconite, few green waxy shale partings.
- 9063-9066 Dolomite, light gray, fine crystalline, dense, trace glauconite, few floating sand grains.
- 9066-9067 As above, becoming very sandy (medium grain, well rounded) trace pyrite.
- 9067-9068 As above, trace black residue on fractures.
- 9068-9069 Dolomite, light gray, fine-medium crystalline, dense, trace glauconite, stained in part by fractures.
- 9069-9081 Dolomite, gray, fine-medium crystalline, dense, trace inter-crystalline porosity, slightly stained light brown, trace glauconite.
- 9081-9082 Dolomite, gray-gray green, fine crystalline, dense, shaly, very slightly pyritic.
- 9082-9083 As above, becoming sandy.
- 9083-9086 Sandstone, light gray-green, fine grain, well sorted, well rounded, glauconitic, dolomitic cement.
- 9086-9089 Sandstone, tan, fine-medium grain, well rounded, poorly sorted, glauconitic.
- 9089-9090 As above w/black residue on fractures and anhydrite inclusions.
- 9090-9092 Sandstone, light brown, peppered appearance, fine grain, w/few medium grain, well rounded, glauconitic, oil stained throughout.
- 9092-9095 Sandstone, light gray, fine grain, well rounded, tite, glauconitic, trace black residue on fractures.
- 9095-9098 Sandstone, light brown, fine grain, glauconitic, light brown oil stained throughout.

9098-9099 As above, looks saturated.
 9099-9100 As above, not saturated.
 9100-9104 As above, looks oil saturated.
 9104-9105 Shale, dark gray green, micaceous, dolomitic.
 9105-9106 As above and dolomite, light tan, fine crystalline, dense.
 9106-9107 Dolomite as above.
 9107-9108 Sandstone, light gray to gray green, fine grain, tite, glauconitic.
 9108-9109 Sandstone, light gray and light brown mottled, fine grain, saturated in brown sandstone.
 9109-9110 As above, very little saturation.
 9110-9111 As above, no saturation.
 9111-9115 Sandstone, light brown, fine grain, saturated w/spots of light gray sandstone that have no saturation.
 9115-9116 Core #15, 9115-9133', Cut and recovered 18'.
 Sandstone, light gray, fine grain, quartzitic, glauconitic, little dolomitic cement.
 9116-9119 Sandstone, gray, fine grain, glauconitic, no staining, fair porosity.
 9119-9120 As above, little black staining on fractures.
 9120-9122 As above, trace light brown staining in part.
 9122-9125 As above, no staining.
 9125-9128 As above, slight staining.
 9128-9129 As above and shale, green and red mottled.
 9129-9130 Shale, dark gray, micaceous, dolomitic, glauconitic.
 9130-9131 Dolomite, dark gray, fine crystalline, dense, sandy, shaly, slightly micaceous, glauconitic.
 9131-9132 Dolomite, dark gray, fine crystalline, dense w/streaks of dark gray shale, very glauconitic and pyritic.
 9132-9133 Dolomite, dark gray, fine crystalline, dense, glauconitic, sandy in part.

DST #7, 9002-9133'. Opened with very weak blow in top of bucket and continued throughout test, no gas to surface. Recovered 230' very slight gas cut drilling fluid, no water. IHP 4495; ISIP 395; IF 100; FFP 115; FSIP 460/30"; FHP 4460; BHT 140°.

TOTAL DEPTH 9133'.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R388.4
Approval expires 12-31-60.

Land Office Salt Lake City

Lease No. U-015445

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Northwest Lisbon USA - C

May 31, _____, 19 60

Well No. C-1 is located 1980 ft. from SW line and 660 ft. from EW line of sec. 4

NE SE Sec. 4 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~depth~~ ^{ground} above sea level is 6524 ft.
KB elevation is 6535 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Co.

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton

T. L. Warburton

Title Division Chief Production Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R388.4
Approval expires 12-31-60.

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 015445
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1960,

Agent's address P.O. Box 265 Company The Pure Oil Company

Moab, Utah

Signed [Signature]

Phone Alpine 3-3581 Agent's title Dist. Chief Clerk

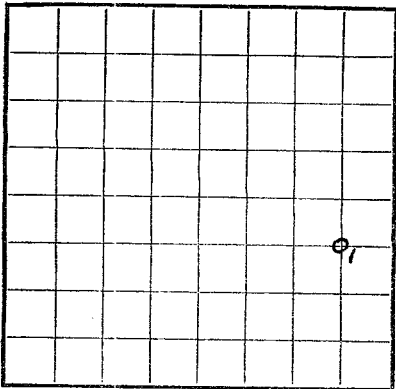
SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 4 (Northwest	30S	24E	1							Drilled 9110' to 9126 TD. Drilling completed 6-2-60. Ran electric logs to TD. Ran 2-7/8" CS Hydril tubing set in packer at 8108'. Tested Mississippian formation for open flow potential 6-21-60. Maximum choke size during test 36/64". Maximum flow rate 9,167 MCFD at 1465 psig tubing pressure. Maximum condensate rate 829 bbls. per day. GOR 10,579 to 1. Corrected gravity of condensate 61.0. Well now shut in.
Lisbon USA-C No. 1)										

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-330



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Section 4.

Company The Pure Oil Company Address 1575 Sherman
Lessor or Tract U. S. Government Field Lisbon State Utah
Northwest Lisbon USA "C"
Well No. 1 Sec. 4 T. 30S R. 24E Meridian Salt Lake County San Juan
Location 1980 ft. N of S Line and 660 ft. E of E Line of SE 1/4 Elevation 6635' KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Fred H. Kirby Fred H. Kirby
Title Asst. Chief Div. Prod. Clerk

Date August 12, 1960

The summary on this page is for the condition of the well at above date.

Commenced drilling March 15, 19 60 Finished drilling June 2, 19 60

Testing completed June 27, OIL OR GAS SANDS OR ZONES
1960.

(Denote gas by G)

No. 1, from (See Attached) to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
20"	39	7	Ready mix	7 yds.	Halliburton				
13-3/8"	180	1150	sx		Halliburton				
7-5/8"	81	800	sx		Halliburton				
(Baker Model EBGJ Retrievable Packer set at 8108 on 2-7/8" CS Hydril Tubing)									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	39	7 yds. Ready mix	Halliburton		
13-3/8"	180	1150 sx	Halliburton		
7-5/8"	81	800 sx	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
- None -						

TOOLS USED

Rotary tools were used from Top feet to 9126 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested June 27, 19 60 Put to producing (Now SI gas well), 19 _____

The production for the first 24 hours was 613 barrels of fluid of which 100 % was condensate %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 61

If gas well, cu. ft. per 24 hours 7,000 MCFD Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. FTE 1500# - 32/64" Choke.

IMPORTANT WATER SANDS

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
20 7/8"	29.7 lb	29.7	Fusion	100 ft	Cement	Base position	and location of	of cement	of cement
-5/8"	26.4 lb	29.7	SS	100 ft	Float	Base position	and location of	of cement	of cement
HILLTOP OF OH OK CV2 MEFF									
(Baker Model EBCJ Retrievable Packer set at 8108 on 2-7/8" CS Hydril Tubing)									

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	39	7 yds. Readymix	Halliburton		
-3/8"	1804	1150 sx	Halliburton		
-5/8"	8116	800 sx.	Halliburton		

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
-	None					

Rotary tools were used from Top feet to 9126 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

Tested June 27, 1960 Put to producing (Now SI gas well), 1960
The production for the first 24 hours was 613 barrels of fluid of which 100% was condensate
emulsion; % water; and % sediment. Gravity, °Bé. 61
If gas well, cu. ft. per 24 hours 7,000 MCFD Gallons gasoline per 1,000 cu. ft. of gas -
Rock pressure, lbs. per sq. in. FTP 1500# - 32/64" Choke.

		, Driller			, Driller
		, Driller			, Driller

FROM—	TO—	TOTAL FEET	FORMATION
(See attached sample analysis for detailed sample descriptions, formation tops, core descriptions, and drill stem tests.)			
	8320 - 8460 Mississippian zone		

(OVER)

LOKINATLON RECORD - Continued

12-48094-2

AUG 22 1960

adg
L

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO

NORTHERN PRODUCING DIVISION

MOUNTAIN AREA OPERATIONS

1575 SHERMAN STREET

DENVER 3, COLORADO

August 19, 1960

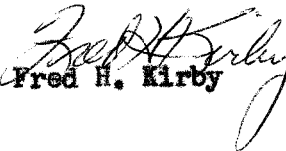
Mr. Jerry W. Long, District Engineer
U.S.G.S.
P. O. Box 1809
Durango, Colorado

Dear Mr. Long:

We are enclosing in duplicate Form 9-330, "Log of Oil or Gas Well", covering N. W. Lisbon USA C-1, located Section 4-30S-24E, San Juan County, Utah. Also enclosed in duplicate is geological sample analysis which gives detailed sample descriptions, formation tops, core descriptions, and DST's covering this well.

Two sets of the final prints of Schlumberger Induction, Sonic, and Gamma Ray-Neutron Logs were transmitted to you June 29, 1960.

Yours very truly,


Fred H. Kirby

FHK:am

Enclosures

cc: ✓ Utah Oil and Gas Conservation Commission-w/encls. (incl. Schlum. Logs)
Texas Eastern Transmission Corporation-w/encls.
W. W. Weir-we/encls.

Budget Bureau No. 43-R359.A
Approval expires 12-31-62

Salt Lake
Utah 015245

LAND OFFICE
LEASE NUMBER
UNIT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 60

Agent's address P. O. Box 265

Company The Pure Oil Company

Moab, Utah

Signed [Signature]

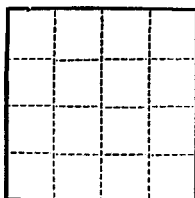
Phone Alpine 3-3581

Agent's title District Chief Clerk

SEC. AND 1/4 OF 36	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE Produced	BARRELS OF WATER (If none, so state)	REMARKS
NE SE Sec. 4 Northwest Lisbon USA-C No. 1	30S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
NE NW Sec. 3 Northwest Lisbon USA-C No. 2	30S	24E	2	10	503	46.5	630	-	None	Flowing 16/64" ck. Drilled 5904'-5934'. Ran 29 jts. 5-1/2" OD Extremaline 20% N-80 casing as liner set from 4829'-5934' - 1105', with overlap of 209' up in 7-5/8" OD casing. Cemented with 200 sack neat cement with 16.1# salt per sack. Squeezed top of liner at 4829' with 100 sack neat cement with 16.1# salt per sack. Drilled 5934'-6088' T.D. of new hole. Drilling completed on new hole 12-7-60. Ran 198 jts. of 2-7/8" OD tubing, set at 6085'. McCullough perforated tubing with 4 Mac jet shots per foot from 6050'-6065'. Opened well and cleaned to burn pit, then turned to stock tank. I.P. for record: 1-8-61 24 hrs., 103 bbls. oil, 129 MCF gas per day, no water, GOR 1252, 16/64" choke, corrected gravity 46.5, <u>FINAL</u>
SW SE Sec. 3 Northwest Lisbon USA-C No. 3	30S	24E	3	28	350	47.1	280	-	None	Pumping. Swabbed 24 bbls. oil in 2 days. Ran rods and pump and began pumping on test 12-4-60.

NOTE.—There were See Form 9-361 runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City

Lease No. U-015445

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY..... X
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 10, 1961

NW Lisbon USA-C

Well No. 1 is located 1980 ft. from 24S line and 660 ft. from E line of sec. 4

NE SE Sec. 4
(¼ Sec. and Sec. No.)

30S
(Twp.)

24S
(Range)

Salt Lake
(Meridian)

Lisbon
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6524 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 9126'; FBTD 8858'

SEE ATTACHED SHEET FOR SUPPLEMENT TO "LOG OF OIL OR GAS WELL".

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

By J. B. Strong

J. B. Strong

Title District Chief Clerk

SUNDRY NOTICE - (Con't.)

March 10, 1961

NW Lisbon USA-C No. 1
Sec. 4, T-30S, R-24E
San Juan Co., Utah
TD 9126' PBD 8858'

Killed well, pulled tubing. Reamed and cleaned out to 8920'. Set 5-1/2" OD liner from 8000' to 8900' with 100 sacks Neat Cement followed with 50 sacks Latex Cement. Drilled cement from 8855' to 8858', PBD. McCullough perforated 5-1/2" OD casing from 8738' to 8750', Mississippian, with two 35 gram shots per foot. Ran 2-7/8" tubing and set in Packer at 8680'.

Acidized perforations 8738' - 8750' with 5000 gallons low surface tension non-emulsifying acid. Maximum pressure 5000 lbs. On vacuum two minutes after acid was in. Swabbed 3 hours and well began flowing. Cleaned to pit 5 hours then turned through separator to test tank. Produced 146 bbls of 58.2 corrected gravity oil in 7 hours, on 20/64" choke, tubing pressure 1180 lbs. Gas estimated at 620 MCF/D. Well on test from February 4, 1961 to February 10, 1961. Shut in to install permanent hook-up through February 15, 1961. Flowed on test through February 22, 1961. Produced a total of 2255 bbls oil.

I.P. for Record - February 22, 1961; flowed 24 hours on 18/64" choke, produced 296 barrels oil, 1670 MCF gas, GOR 5885. Corrected gravity of oil 49.7. Tubing pressure 1500 lbs.

Verbal approval obtained from Mr. Jerry Long, U.S.G.S. District Engineer, on January 19, 1961.

October 17, 1961

MEMO FOR FILING:

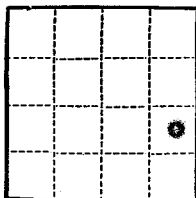
Re: Fluid Meter Calibration
✓ Lease
Lisbon Field
San Juan County, Utah

I rechecked the calibration on the above meter on this date. The results are as follows:

<u>METER READING</u>	<u>BBLS.</u>	<u>GAGE RDG.</u>	<u>BBLS.</u>
12801	201	7 3/2"	
12902	202	10' 4 3/4"	201.55
12919	34	10' 10 3/4"	32.45

HARVEY L. COONTS,
PETROLEUM ENGINEER

HLC:kp
cc: Jerry Long
Durango, Colo.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-015445
Unit Lisbon

Sec. 4

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 18, 1962

Lisbon Unit
Well No. D-84 is located 1980 ft. from S line and 660 ft. from E line of sec. 4
NE SE Sec. 4 30S 24E 81M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground ~~surface~~ above sea level is 6524 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well designation changed due to unitization of Lisbon Field effective 5/1/62.

OLD DESIGNATION

Northwest Lisbon USA "C" #1

NEW DESIGNATION

Lisbon Unit #D-84

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE PURE OIL COMPANY

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By

L. K. Cogman
Office Manager

Title

1588 West North Temple
Salt Lake City, Utah 84116

February 19, 1968

Wilburn J. Gould
2344 Cohasset Road
Chico, California

Dear Wilburn:

Enclosed with this correspondence please find a Gamma Ray Neutron log for Lisbon field well #C-1 (D 84) in Sec. 4, T. 30 S, R. 24 E, San Juan County, Utah. In addition, a copy of the log tops are attached. This material is in response to your request, and I am sorry for the delay in answering.

The Division is certainly sympathetic for all the trouble you encountered in your Millard County well. It is hoped that your proposed off-set will be a complete success and make up for your loss in time, energy, and expense.

It would be appreciated if you could return the Gamma Ray Neutron log back to this office after you have fully utilized the same. I am sorry to put you to this trouble, however, it is the only copy that the Division has on file. I hope that the data will be of some use to you and if we can be of any further assistance to you in the future, please do not hesitate to contact us.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd
Enclosures (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRII
(Other instruction
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-015445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lisbon

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

D-84

10. FIELD AND POOL, OR WILDCAT

Lisbon-Miss.

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 4, T-30S, R-24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

Box 2620, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL and 660' FEL (NE SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6524' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Shut-in Status ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Lisbon Unit Well D-84 has not been regularly produced since May 1964 at which time it was shut in with production averaging 155 BOPD + 0 BWPD with an average GOR of 10,720 SCF/Bbl. Production was again attempted during October and November of 1964 at which time the well was produced 8 days in October and 2 days in November averaging 144 BOPD + 0 BWPD at an estimated GOR of 11,788 SCF/Bbl. The well was again shut in due to the high GOR and in the interest of maintaining reservoir pressure as high as possible in an effort to ultimately increase the oil recovery efficiency. The well is located near the top of the structure in what is currently considered to be the gas cap zone. The well is being used as a pressure surveillance well to periodically monitor reservoir pressure performance within the Mississippian reservoir of the Lisbon Unit pressure maintenance project.

"Shut-in" status of this wellbore is requested for a period corresponding to the remaining productive life of the Lisbon Unit pressure maintenance project in view of its structural location and its utility as a pressure surveillance well. Production of the well now would only be detrimental to efforts to maintain reservoir pressure; however, upon termination of the pressure maintenance project (estimated during early 1980's) this wellbore will be important to the depletion of the gas reserves. Thus it is Union's desire to keep this wellbore available for future operations.

18. I hereby certify that the foregoing is true and correct

SIGNED

Harold Simpson

TITLE District Operations Manager

DATE 4-30-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other (S.I.-Idle Producer)
2. NAME OF OPERATOR
Union Oil Company of California
3. ADDRESS OF OPERATOR
P. O. Box 2620-Casper, WY 82602-2620
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 660' FEL (NE SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

(other) CONVERT FROM IDLE PRODUCER TO GAS INJECTION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

20" @ 26'
13-3/8" @ 1804'
7-5/8" @ 8146'
5-1/2" @ 8901' (liner top @ 8000')

Drilled in 1960 to 9126' T.D.

PROPOSED PLAN OF PROCEDURE:

MIRU pulling unit. Kill well with produced water. Install BOP. POOH with 2-7/8" tubing. Pick up cement retainer. GIH with retainer on 2-7/8" tubing and set retainer at approximately 8630'. Test annulus to 1000 psi. Squeeze perfs 8738-50' with 100 sacks of cement. Pull up out of retainer and reverse out. Pull up to 8460' and pressure test casing to 1000 psi. With tubing remaining at 8460', spot 200 gallons of 15% HCl acid from 8460-8245'. POOH laying down 2-7/8" tubing. (CONTINUED ON ATTACHED SHEET)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 9-28-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE
U-015445
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Lisbon
8. FARM OR LEASE NAME
Lisbon Unit
9. WELL NO.
D-84
10. FIELD OR WILDCAT NAME
Lisbon-Miss.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4, T.30S., R.24E.
12. COUNTY OR PARISH
San Juan
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6524' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

U.S. Geological Survey
Form 9-331

Union Oil Company of California
Lisbon Unit Well No. D-84
San Juan County, Utah
9-28-81
Page 2

Run wireline gauge ring and junk basket. Run in with Baker, Model "F-1" packer with 2-7/8" sub and 2.31" I.D. "F" nipple below on wireline and set at 8250'. P.U. and R.I. with seal assembly on 300' of 2-7/8" tubing followed by 3-1/2" tubing. Circulate in packer fluid. Sting into packer. Remove BOP and nipple up tubing head. Swab tubing down to 4600'.

Perforate Mississippian with 2-1/8" tubing gun with 2 spf from 8320-8335' and 8350-8460'. Swab well in to clean up.

Acidize Mississippian perforations 8320-8335' and 8350-8460' with 10,000 gallons of 28% HCl acid, diverting with 4500# rock salt at approximately 2-4 bpm at 1800 psig.

Swab well in to clean up. Place well on gas injection.

Note: Brad Govreau, Union Oil Company of California, Moab, Utah, received verbal approval from Tom Hare, BLM, Moab, Utah, on 9-25-81, to lay flow line from existing well C-93 to D-84. It is proposed to lay approximately 5000' of 4", Schedule 160 line pipe. (See attached diagram.)

RESIDUAL GAS INJECTION
PARTIAL LISBON FIELD
SAN JUAN COUNTY, UTAH

C-74 Proposed injection
well D-84

Proposed injection line
from C-93 to D-84±5,000'

Existing injection
line to C-93

PLANT



June 21, 1985

RECEIVED

JUN 28 1985

DIVISION OF OIL
GAS & MINING

Mr. Cleon B. Feight
Utah Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

LISBON FIELD
UIC REQUIREMENTS

Dear Mr. Feight:

In your letter dated May 18 you requested missing information required by Rule I-4. A location plat of the Lisbon Field is enclosed. Copies of the authorized existing enhanced recovery wells form DOGM-UIC-8, the authorized existing disposal wells form DOGM-UIC-9, and the notice of completion form DOGM-UIC-2 for each authorized existing well are attached. Also attached is a corrected schematic diagram of the Lisbon Unit #D-810 and an analysis of our produced/injected water.

All injection wells are completed in the Mississippian formation. This zone consists of limestone and dolomite. The overlying and underlying strata consists mainly of shale with little or no permeability. The fracturing pressure for the Mississippian is about 5,500 psig BHP. Since the gas injectors are operating at less than 3,000 psig and the water injectors are operating at pressures less than 2,000 psig, all wells are well below any fracture pressures.

Both injection systems are protected by high pressure shut downs. The gas injection compressors shut down at 3,500 psig and the water injection pumps shut down at 3,000 psig. If a well failure should occur, our contingency plan is to shut in the well, isolate the problem and correct the problem. The mechanical integrity of the tubing, casing and packer will be monitored by pressure tests every five years.

INJECTION WELLS

NAME	LOCATION OF WELLS	TOTAL DEPTH (ft)
B-614 43-037-16468	667/N & 2030/W NENW Sec. 14-T30S-R24E	9022
B-610 43-037-16469	563/N & 2050/W NENW Sec. 10-T30S-R24E	8440
D-810 16-50	1895/S & 755/E NESE Sec. 10-T30S-R24E	9310
D-84	1980/S & 660/E NESE Sec. 4-T30S-R24E	9126

DISPOSAL WELLS

B-624	710/N & 166/W NENW Sec. 24-T30S-R24E	9648
B-816	1860/W & 2250/S NESW Sec. 16-T30S-R24E	8650

PRODUCTION WELL within 1/2 mile of Injection Wells and Disposal Wells

C-84	2690/N & 1520/E NWSE Sec. 4-T30S-R24E	8964
B-84	1648/S & 2516/W, Sec. 4-T30S-R24E	8766
C-74	1980/N & 1980/E SWNE Sec. 4-T30S-R24E	9017
C-94	330/S & 1600/E SWSE Sec. 4-T30S-R24E	8859
C-93	765/S & 2105/E, Sec. 3-T30S-R24E	8430
D-610	565/N & 964/E, Sec. 10-T30S-R24E	8510
B-616	1310/N & 2660/E NENW Sec. 16-T30S-R24E	8689
D-816	1620/S & 1220/E, Sec. 16-T30S-R24E	8666
D-715	2450/N & 335/E, Sec. 15-T30S-R24E	8896
B-814	1482/W & 2601/S, Sec. 14-T30S-R24E	8735
A-814	1980/S & 660/W, Sec. 14-T30S-R24E	9015

WATER WELLS

Plant Well #1	2780/N & 2450/E from SW corner Sec. 22-T30S-R24E	500
Shop Well #2	2346/N & 2586/E from Sw corner Sec. 22-T30S-R24E	500

All land within a half mile of each injection well is federally, state and Union owned and the operator of all the wells within a half mile of the injection wells is Union Oil of California.

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

API NO. _____

840 Acres
N

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY S Juan SEC. 4 TWP. 30S RGE. 24E

COMPANY OPERATING Union Oil Co. of Ca.

OFFICE ADDRESS P.O. Box 760

TOWN Moab STATE UT ZIP 84532

FARM NAME Lisbon Unit WELL NO. D-84

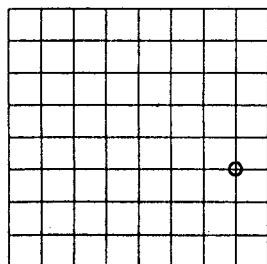
DRILLING STARTED 3-15 19 60 DRILLING FINISHED 6-2 19 60

DATE OF FIRST PRODUCTION 6-6-60 COMPLETED 6-6-60

WELL LOCATED 1/4 NE 1/4 SE 1/4

1980 FT. FROM SL OF 1/4 SEC. & 660 FT. FROM E/L OF 1/4 SEC.

ELEVATION DERRICK FLOOR 6,533 GROUND 6,524



Locate Well Correctly
and Outline Lease

TYPE COMPLETION

Single Zone X

Multiple Zone _____

Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Mississippian	8296	8780			
McCracken	9042	9121			

CASING & CEMENT

Casing Set

Csg. Test

Cement

Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
20"			39		7 yds		
13-3/8"	48.5	H-40	1804	1000	1150		Surface
7-5/8"	29.7	N-80	8146	1000	800		
5-1/2"	20		8000-	1000	300		
			8901				

TOTAL DEPTH 9126'

PACKERS SET

DEPTH 8263'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
SPACING & SPACING ORDER NO.	Miss.	Miss.	Miss.
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Cased	Squeezed	Gas Injector
PERFORATED	8146-9126'	8738-50'	8320-8335'
INTERVALS	Open hole		8350-8460'
ACIDIZED?			10,500 1
			28% HCL
FRACTURE TREATED?			

INITIAL TEST DATA

Date	6-21-60	2-6-61	Not Tested
Oil, bbl./day	829	100	
Oil Gravity	61		
Gas, Cu. Ft./day	9,167 MCF	200 MCF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	10,579	2,000	
Water-Bbl./day	0		
Pumping or Flowing	F	F	
CHOKE SIZE	36/64"	16/64"	
FLOW TUBING PRESSURE	1465 psig	1100 psig	

A record of the formations drilled through, and pertinent remarks are attached
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

(801)
Telephone 686-2236 B.R. Brown Area Supt.
Name and title of representative of company

Subscribed and sworn before me this _____ day of _____, 19 _____

FORMATION TOPS

<u>Formation</u>	<u>Log Tops</u>	<u>Sub Sea</u>	<u>Thickness</u>
Chinle	487	/ 6046	586
Shinarump	1073	/ 5460	67
Moenkopi	1140	/ 5393	450
Permian	1590	/ 4943	925
Hermosa	2514	/ 4018	1800
Paradox "A"	4314	/ 2218	250
Paradox "B"	4564	/ 1968	79
Salt Top	4644	/ 1889	3430
Salt Base	8074	-1541	172
Molas	8246	-1713	50
Mississippian	8296	-1763	484
Ouray	8780	-2247	92
Elbert	8872	-2339	170
McCracken	9042	-2509	79
Cambrian	9121	-2588	57
Total Depth	9126	-2593	

Well Name: D-84
Location: Sec 4, Township 30S, Range 24E, 1,980' FSL & 660' FEL
Status: Gas Injection Well
Surface Owner: Federally owned
Operator: Union Oil Company of California

Well D-84 has been converted from a producing well to an injection well. Completion records are already on file with the state.

The formation in which injection will take place is the Mississippian Formation. It consists mainly of dolomite and limestone. The immediate overlying and underlying strata consists mainly of shale with very little or no permeability.

The depth between the fresh water base and the injection interval is over 4,000' and the strata between the fresh water base and the injection interval consists mainly of Sandstone, limestone, dolomite and shale. The stratum are such that there is no chance of any contamination of the USDW, which meets the requirements of the UIC program.

With a fracturing pressure around 5,500 BHP psig and a maximum injection pressure of only 3,500 BHP psig, there should not be any fracturing of the confining stratum above the injection interval.

ALL D-84
Lisbon Unit
Lisbon Field
San Juan County, Utah

GTA

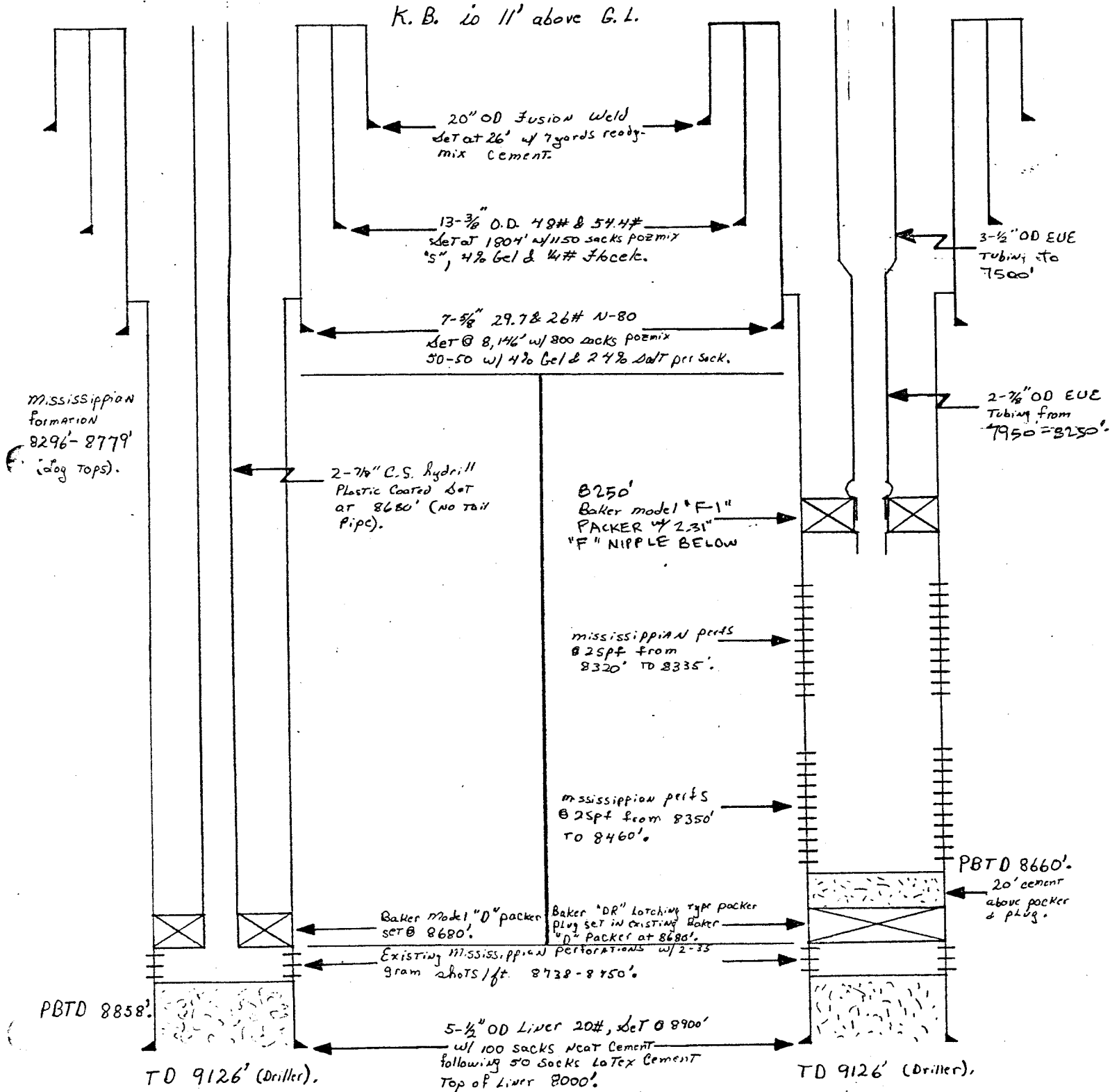
7 13 81 1 1

COMPLETION RECORD BEFORE AND AFTER CONVERSION TO INJECTION

AS OF 7/13/81
Elevation 6542' G.L.

Proposed Recompletion
for gas injection

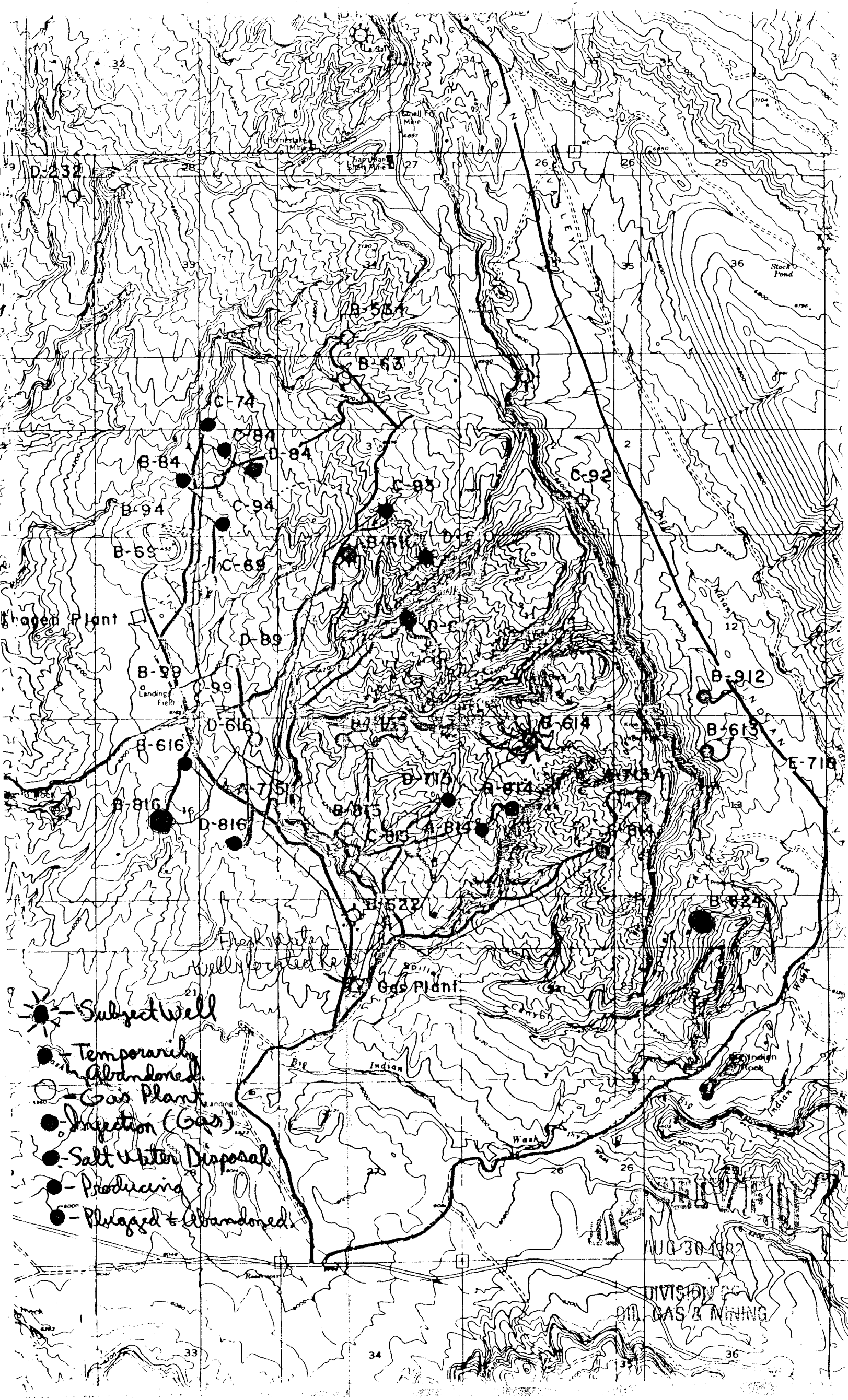
K.B. is 11' above G.L.



LEASE NAME: Lisbon Unit

FIELD: Lisbon

<u>WELL NAME</u>	<u>LOCATION</u>	<u>TOTAL DEPTH</u>	<u>STATUS</u>	<u>SURFACE OWNER</u>	<u>OPERATOR</u>
D-84	S-4, T30S, R24E 1,980' FSL & 660' FEL	8,858'	Inj. well	Federal Gov.	Union Oil Co. of Ca
C-84	S-4, T30S, R24E 2,690' FNL & 1,520' FEL	8,922'	Prod.	Federal Gov.	Union Oil Co. of Ca
C-94	S-4, T30S, R24E 330' FSL & 1,600' FEL	8,859'	Prod.	Federal Gov.	Union Oil Co. of Ca
B-84	S-4, T30S, R24E 1,648' FSL & 2,516' FWL	8,841'	Prod.	Federal Gov.	Union Oil Co. of Ca
C-74	S-4, T30S, R24E 1,980' FNL & 1,980' FEL	9,017'	Temp. Abd.	Federal Gov.	Union Oil Co. of Ca



- ☀ - Subject Well
- - Temporarily Abandoned
- ⊗ - Gas Plant
- - Injection (Gas)
- - Salt Water Disposal
- - Producing
- - Plugged & Abandoned

AUG 30 1982

DIVISION OF
OIL, GAS & MINING

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/Termination 4-16-82

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name Lisbon Unit D-84

Location: Section 4 Twp. 30 S Rng. 24 E, County San Juan

Order No. authorizing Injection _____ Date _____

Zone into Which Fluid Injected Mississippian 8,320'-8,335' & 8,350'-8,460'

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Union Oil Company of California

Address P.O. Box 760, Moab, Utah 84532-0760

BR Horne
Signature

8-25-82
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Union Oil Co. of California

CAUSE NO. _____

ADDRESS P.O. Box 760
Moab, Utah ZIP 84532

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

INDIVIDUAL ☐ PARTNERSHIP ☐ CORPORATION ☒

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE Lisbon Unit D-84 Well

SEC. 4 TWP. 30S RANGE 24E
San Juan COUNTY, UTAH

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Lisbon Unit</u>		Well No. <u>D-84</u>	Field <u>Lisbon</u>	County <u>San Juan</u>
Location of Enhanced Recovery <u>660' FEL &</u>		Injection or Disposal Well <u>1,980' FSL</u> Sec. <u>4</u> Twp. <u>30S</u> Rge. <u>24E</u>		
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>4-16-82</u>
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>None</u>		Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) <u>Mississippian Zone</u>		Geologic Name(s) and Depth of Source(s) <u>Mississippian 8,600'</u>		
Geologic Name of Injection Zone <u>Mississippian</u>		Depth of Injection Interval <u>8,320'</u> to <u>8,335'</u> & <u>8,350'-8,460'</u>		
a. Top of the Perforated Interval: <u>8,320'</u>		b. Base of Fresh Water: <u>4,000'</u>		c. Intervening Thickness (a minus b) <u>4,320'</u>
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO				
Lithology of Intervening Zones <u>Limestone, dolomite, shale, siltstone, trace of chert</u>				
Injection Rates and Pressures Maximum <u>20,000</u> MDE/D <u>4,400</u> PSI				
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>Tom Hare W/BLM</u> <u>Edgar W. Gwynn w/Mineral Managements Services</u>				

State of _____)

B.R. Gwynn

Applicant

County of _____)

Before me, the undersigned authority, on this day personally appeared _____
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this _____ day of _____, 19 _____

SEAL

My commission expires _____

Notary Public in and for _____

(OVER)

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.

2. Attach qualitative and quantitative analysis of representative sample of water to be injected.

3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.

4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)

5. Attach Electric or Radioactivity Log of Subject well (if released).

6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.

7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.

8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.

9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.

10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.

11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.

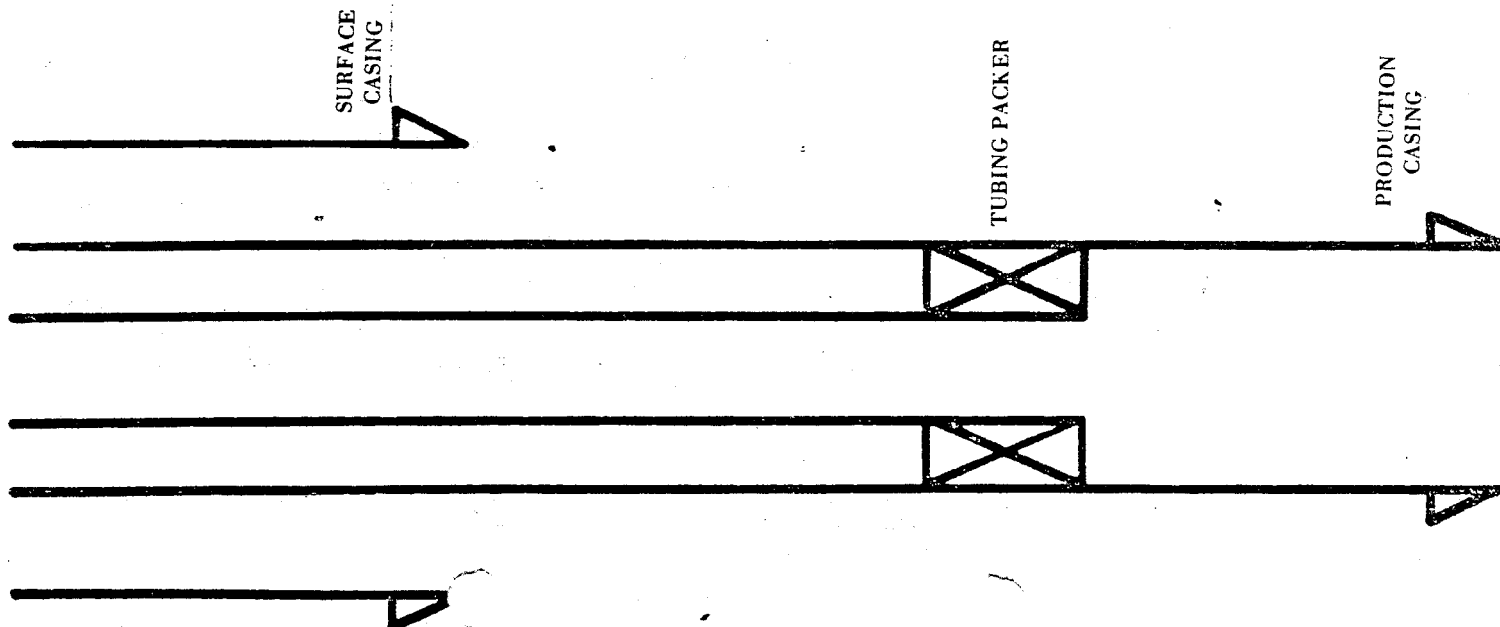
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.

13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface					
Intermediate					
Production					
Tubing			Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval		Depth - Base of Inj. Interval

SKETCH - SUB-SURFACE FACILITY



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Union oil Company Well No. Lisbon D 84
 County: San Juan T 30 R 24E Sec. 4 API# 43-037-16250
 New Well ☐ Conversion ☒ Disposal Well ☐ Enhanced Recovery Well G1

	YES	NO
UIC Forms Completed	<u>✓</u>	<u> </u>
Plat including Surface Owners. Leaseholders, and wells of available record	<u>✓</u>	<u> </u>
Schematic Diagram	<u>✓</u>	<u> </u>
Fracture Information	<u>✓</u>	<u> </u>
Pressure and Rate Control	<u>✓</u>	<u> </u>
Adequate Geologic Information	<u>✓</u>	<u> </u>
Fluid Source	<u> </u>	<u> </u>

Analysis of Injection Fluid	Yes <u> </u> No <u>✓</u> *	TDS <u> </u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u> No <u> </u>	TDS <u>50,000</u>


Known USDW in area	<u>center</u>	Depth <u>1200-1800'</u>
Number of wells in area of review	<u>4</u>	Prd. <u>3</u> T&A <u>1</u>
	Water <u>0</u>	Inj. <u>0</u>

Aquifer Exemption	Yes <u> </u> NA <u>✓</u>
-------------------	-----------------------------

Mechanical Integrity Test	Yes <u> </u> No <u> </u>
---------------------------	--------------------------------

Date <u> </u>	Type <u> </u>
------------------	------------------

Comments: * Gas Injection

Reviewed by: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other Gas Injection

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620

- | | |
|---|--------------|
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY below.)
AT SURFACE: 1980' FSL & 660' FEL (NE SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: | See space 17 |
|---|--------------|

- | | |
|--|--|
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA | |
|--|--|

- REQUEST FOR APPROVAL TO:

- | | |
|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> |

- ABANDON*
(other) COM

- SUBSEQUENT REPORT OF:

ABANDON*
(other) CONVERTED FROM IDLE PRODUCER TO GAS INJECTION

APR 23 1982

NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9,126' T.D.

MIRU well service unit on 3-23-82. Killed well with 80 bbls. of produced water. N.U. BOP. Tested 7-5/8" casing x 2-7/8" annulus to 800 psi. SDON.

SITP 400#/12 hours. Killed well with 60 bbls. of produced water. POOH with 2-7/8" tubing. Ran cement retainer on 2-7/8" tubing and set at 8,650'. Squeezed perforations, 8,738-8,750', with 50 sacks of class "B" cement with 0.3% HR-5 mixed at 15.6 ppg at 2 bpm at 150 psi. Displaced with 50 bbls. of produced water at 150-900 psi (1/2 bbl. underdisplaced). Stung out of retainer and reversed out 1/2 bbl. of cement at maximum pressure of 1000 psi.

(CONTINUED ON ATTACHED SHEET)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *R. G. Ladd, Jr.* TITLE District Drilling Superintendent DATE 4-20-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

U.S. Geological Survey
Form 9-331

Union Oil Company of California
Lisbon Unit Well No. D-84
San Juan County, Utah
4-20-82
Pg. 2

P.U. to 8,460'. Spotted 200 gallons of 15% HCl, D.I. w/NE & LST additives, from 8,460-8,245'. POOH laying down 2-7/8" tubing. S.D.O.N.

R.U. Blue-jet. Ran gauge ring and junk basket to 8,400'. Ran 5-1/2" x 2-7/8" production packer with 6' mill-out extension and 2-7/8" tubing sub and set at 8,250' with "F" nipple at 8,262'. Ran 2-7/8" tubing with locator seal assembly on 3-1/2" tubing to 8,230'. Circulated 290 bbls. of 2% B-1400 packer fluid. N.D. BOP. Spaced out tubing with 11,000# compression. Ran and landed 2-7/8" and 3-1/2" tubing at 8,262.60', with "F" nipple at 8,261.10', packer at 8,248.90', and 3-1/2" x 2-7/8" x-over at 7,866.07'. N.U. Xtree. Perforated Mississippian from 8,460-8,350' and 8,335-8,320' with 2 spf. S.D.

SITP 50#/38 hours. F.L. fell from surface to 3000'/38 hours. Swabbed 78 bbls. fluid in 4 hours. No show. Slight gas blow after swab run. F.L. at 3,000-4,400'. Recovered load. SDON.

SITP 275#/12 hours. Bled well to pit for 1/2 hour with no fluid to surface and well continued to flow dry gas. Acidized perforations, 8,320-8,460', with 10,500 gallons of 28% HCl acid with FR-20 and 20#/bbl. Aqua-Seal, 17,000 gallons of Westpad "A", and 300 ball sealers in nine stages as follows: Pumped 3,200 gallons of Westpad "A" and loaded tubing with 43 bbls. at 3-1/2 bpm at 0#. Finished the stage at 1/2 bpm at 1800#. Pumped 1,000 gallons of 28% acid at 1/2 to 3-1/2 to 2-1/2 bpm at 1800-1400-1700#. Pumped 1,750 gallons of Westpad "A" at 2-1/2 bpm at 1700#. Pumped 2,300 gallons of acid at 2-1/2 to 4-1/2 bpm at 1800-0#. Pumped 5,000 gallons of Westpad "A" with 150 balls in first 50 bbls. at 4-1/2 to 6-1/2 to 0 to 5 bpm at 0-1900#. Balled off, 0-800#. Pumped 3,300 gallons of acid at 5-1/2 bpm at 1500#. Pumped 5,000 gallons of Westpad "A" with 150 balls in first 50 bbls. at 5-1/2 to 4-1/2 to 0 to 6-1/2 bpm at 1500-1900#. Balled off, 0-1000#. Pumped 3,900 gallons of acid at 6-1/2 bpm at 1000-0#. Pumped 2,000 gallons of Westpad "A" at 6-1/2 bpm at 0#. Displaced with 75 bbls. of formation water. ISDP Vac. Total load 730 bbls. of acid and water. Tagged F.L. at 2800'. Made 3 swab runs and well kicked off. Flowed to pit 4 hours on 1" choke. FTP 500#. C.P. 0#. SION.

SITP 1700#/12 hours. Flowed gas with heavy mist to pit on 1" choke/3 hours. FTP 1700-450# and steady last hour. S.I. Released unit and turned to production for injection service on 3-31-82.

Placed on injection at 4:00 p.m., 4-16-82, at 15.7 MMCFD at 2000#.

Bo

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INJECTION WELL - PRESSURE TEST

TEST DATE: 1/26/89 WELL OWNER/OPERATOR: Unocal
DISPOSAL WELL: ENHANCED RECOVERY WELL: Vgas OTHER:
API NO: 43- 037-16250 WELL NAME/NUMBER: D-84
SECTION: 4 TOWNSHIP: 30S RANGE: 24E

INITIAL CONDITIONS:

TUBING - rate: pressure: 2160
CASING/TUBING ANNULUS - pressure: 0

CONDITIONS DURING TEST:

TUBING pressure: 2160 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 920 psi
annulus pressure ^{increased} ~~drop~~ during test: 980 psi

CONDITIONS AFTER TEST:

TUBING pressure: 2160 psi
CASING/TUBING ANNULUS pressure: 0 psi

REMARKS:

OK. Passed MIT

OPERATOR REPRESENTATIVE

D. J. Davis
DOGM WITNESS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Gas Injection	5. Lease Designation and Serial No. UTU015445
2. Name of Operator Union Oil Company of California	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 3300 N. Butler, Suite 200, Farmington, NM 87401 (505)326-7600	7. If Unit or CA, Agreement Designation Lisbon Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 660' FEL Sec. 4, T30S, R24E	8. Well Name and No. D - 84
	9. API Well No. 43-037-16250
	10. Field and Pool, or Exploratory Area Lisbon Mississippian
	11. County or Parish, State San Juan Co., Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Repair tbg - csg communication.	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Lisbon Unit Well No. D-84 is currently utilized for re-injection of residue gas for pressure maintenance. The well has developed apparent tubing-casing communication as evidenced by the development of casing pressure.

To remedy this situation, a workover will begin as soon as possible to -

1. Determine whether a tubing leak or packer leak is resulting in the tubing-casing communication and repair.
2. Pressure test casing and repair if needed.
3. Perform Mechanical Integrity Test.
4. Acidize perforations.
5. Return well to injection.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**
Date: 6-5-91
By: [Signature]

JUN 03 1991

DIVISION OF
OIL GAS & MINING

14 I hereby certify that the foregoing is true and correct		
Signed <u>[Signature]</u>	Title <u>Field Superintendent</u>	Date <u>5/28/91</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Unocal North American
Oil & Gas Division
Unocal Corporation
14141 Southwest Freeway
Sugar Land, Texas 77478
P.O. Box 4551
Houston, Texas 77210-4551
Telephone (713) 491-7600



May 14, 1993

RECEIVED

MAY 17 1993

DIVISION OF
OIL & GAS DIVISION

State of Utah
Attn: Mr. Gil Hunt
Department of Natural Resources
Division of Oil, Gas, & Mining
335 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1200

RE: Conversion of a Gas Injection
Well to Helium Storage

Dear Mr. Hunt:

As per our conversation in November of 1992, please find enclosed copies of the sundry notice filed with the BLM. The sundry requests permission to convert a gas injection well at our Lisbon Unit to a helium storage well when reservoir blowdown commences in July 1993. This conversion requiring no surface or subsurface modifications.

If you require any additional information concerning this matter, please call the undersigned at (713) 287-7280.

Sincerely,

Union Oil Company of California
dba UNOCAL

Tom E. Baiar
Petroleum Engineer

TB/bjt



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
MAY 17 1993

1. Type of Well <input type="checkbox"/> Oil <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Well <input checked="" type="checkbox"/> Other		2. Indian, Aliottee or Tribe Name
3. Name of Operator Union Oil Company of California		3. Unit or C.A. Agreement Designation Lisbon Unit
4. Address and Telephone No. 14141 SW Freeway, Sugar Land, TX 77478 (713)287-7280		8. Well Name and No.
5. Location of Well (Footage, Sec., T., R., M., or Survey Description)		9. API Well No.
		10. Field and Pool, or Exploratory Area Lisbon
		11. County or Parish, State San Juan, Utah

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

converting gas injection well to
helium storage well

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Union Oil Company of California requests permission to convert one of the four gas injection wells (B-610, B-614, D-84, & D-810) at our Lisbon Unit to a helium storage well when reservoir blowdown commences in July 1993. At this time, the most likely candidate to be converted is the Lisbon Unit No. B-610 located in Sec. 10, T30S, R24E. This conversion requires no surface or subsurface modifications.

During plant start-up, the well will be used to temporarily store helium rich gas. After plant start-up, the well will be used for temporary helium and/or helium rich gas storage when the helium extraction facility is shut-down for repairs or when plant storage capacity is exceeded.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 5-18-93

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Petroleum Engineer

Date 5/14/93

(This space for Federal or State office use)

Approved by Federal Approval of this
Conditions of approval, if any: Action is Necessary

Title _____ Date _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

Rick Kastner
[Signature]

February 14, 1994

April 7th 9:00
[Crossed out text]

Unocal
P.O. Box 760
Moab, Utah 84532

Re: Pressure Test for Mechanical Integrity, Lisbon Unit #D-84, B-610, D-610, B-614 Injection Wells, Sec. 4, 10, 14, T. 30 S., R. 24 E., San Juan County, Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R649-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing during the week of April 4, 1994 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

Page 2
Pressure Test
February 14, 1994

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut in 24 hours prior to testing.

Please contact Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt", with a long horizontal flourish extending to the right.

Gil Hunt
UIC Program Manager

ldc
Attachment
WOI52

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

TEST DATE: 4/7/94 WELL OWNER/OPERATOR: UNOCAL
DISPOSAL WELL: ENHANCED RECOVERY WELL: X OTHER:
API NO: 43-037-16250 WELL NAME/NUMBER: D-84
SECTION: 4 TOWNSHIP: 30 S RANGE: 24 E

INITIAL CONDITIONS:

TUBING - rate: pressure: 1850
CASING/TUBING ANNULUS - pressure: 200

CONDITIONS DURING TEST:

TUBING pressure: psi for minutes
CASING/TUBING ANNULUS pressure: 980 psi
annulus pressure drop during test: 10 psi

CONDITIONS AFTER TEST:

TUBING pressure: 1850 psi
CASING/TUBING ANNULUS pressure: 0 psi

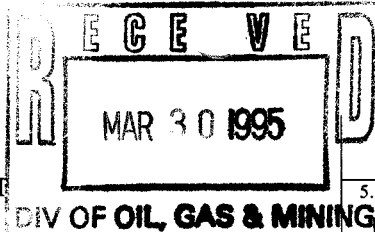
REMARKS:

NOT INJECTING AT PRESENT
HOT OILER USED WAS JESS TUCKER OF MO-TE, FARMINGTON, NM
ANNULUS FULL BEFORE TEST

RON + DAVE GARNER
OPERATOR REPRESENTATIVE

[Signature]
DOGM WITNESS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 760 Moab, Utah 84532

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon Unit

8. Well Name and No.

Lisbon Unit - D-84

9. API Well No.

43-037-16250

10. Field and Pool, or Exploratory Area

Lisbon Field

11. County or Parish, State

**San Juan County - Utah
Sec 4 T30S R24E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Union Oil Co. of California dba, Unocal, requests a change in status on Lisbon Unit Well #D-84R. The change of status will be from a shut in gas injection well to a Lisbon Unit Production Well. Surface equipment will include a three phase separator, a water bath line heater and electronic flow measurement.

14. I hereby certify that the foregoing is true and correct

Signed

Keith L. Cortez

Title

Production Tech

Date

2-14-95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	99990	9740	43-037-16250	LISBON UNIT D-84	NESE	4	30S	24E	SAN JUAN		2-14-95
WELL 1 COMMENTS: *CONV FR GIW TO POW EFF 2-14-95. (Lisbon Unit / mssp P2)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

8-31-95

Title

Date

Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation Lisbon Unit
2. Name of Operator Union Oil Company of California	8. Well Name and No. Lisbon Unit - D-84
3. Address and Telephone No. P.O. Box 760 Moab, Utah 84532	9. API Well No. 43-037-16250
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area Lisbon Field
	11. County or Parish, State San Juan County - Utah Sec 4 T305 R245

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

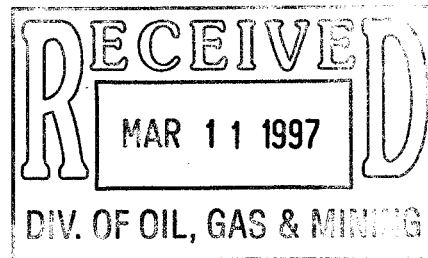
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Union Oil Co. of California dba, Unocal, requests a change in status on Lisbon Unit Well #D-84R. The change of status will be from a shut in gas injection well to a Lisbon Unit Production Well. Surface equipment will include a three phase separator, a water bath line heater and electronic flow measurement.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 4-1-97

By: [Signature]



14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Production Tech

Date

2-14-95

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval, if any: Action is Necessary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau no. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well Oil <input checked="" type="checkbox"/> Well Gas <input type="checkbox"/> Well Other <input type="checkbox"/>	7. If Unit or CA. Agreement Designation Lisbon Unit
2. Name of Operator Tom Brown, Inc.	8. Well Name and No. D-84
3. Address and Telephone No. P.O. Box 760 Moab, UT 84532 (435) 686-2236	9. API Well No. 43-037-16250
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) From: 12 S 0650083 E 4229748 N (D-84) To: 12 S 0649587 E 4229295 N (Valve Box 12) T305 R24E Sec 04	10. Field and Pool, or Exploratory Area Lisbon
	11. County or Parish, State San Juan, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Tom Brown, Inc. requests authorization to lay approximately 2300' of 4" schedule 40 pipe on the surface of the ground from Lisbon Unit D-84 to valve box 12. The proposed route follows existing gathering lines and would be in an existing right of way. This line is necessary to increase gathering capacity to allow wells D-610 and D-84 to both flow at full capacity. The proposed route is shown on the attached map. This work is scheduled to begin January 2, 2001 and be finished by January 12, 2001.

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: Jan 1, 2001
By: RAM

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR
Date: 01-02-2001
Initials: CHD

RECEIVED

DEC 26 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Operations Engineer

Date

21-Dec-00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Copyright (C) 1997, Maptech, Inc.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

UTU 015445

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name

NA

7. Unit Agreement Name

Lisbon Unit

8. Well Name and Number

Lisbon D-84

9. API Well Number

43-037-16250

10. Field and Pool, or Exploratory Area

Mississippian

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other

2. Name of Operator:

Tom Brown, Inc.

Contact: Chris Mathewson

Phone: 303-260-5134

3. Address and Telephone No.

555 Seventeenth Street, Suite 1850, Denver, CO 80202

4. Location of Well

Footages: 1980' FSL & 660' FEL

County: San Juan

QQ, Sec T,R,M: Sec. 4-T30S-R24E

State: Utah

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

☐ Abandon☐ New Construction☐ Repair Casing☒ Pull or Alter Casing☐ Change Plans☐ Recomplete☐ Convert to Injection☐ Reperforate☐ Fracture Treat or Acidize☐ Vent or Flare☐ Multiple Completion☐ Water Shut-Off☐ Other

SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandon*☐ New Construction☐ Repair Casing☐ Pull or Alter Casing☐ Change Plans☐ Recomplete☐ Convert to Injection☐ Reperforate☐ Fracture Treat or Acidize☐ Vent or Flare☐ Other☐ Water Shut-Off

Approximate date work will start 8/28/2001

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs
on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Tom Brown, Inc. proposes to run 5-1/2" casing as production string in this well.

The procedure will be as follows:

- 1) Notify BLM. Inspect anchors. Set frac tanks for flowback. RU H2S safety equipment.
- 2) MIRU workover rig. Hold pre-job safety meeting.
- 3) ND tree. NU BOPE. Pressure test backside to 1000# for 30 min.
- 4) Release Guiberson UNI-6 packer set @ 8265'. TOOH w/3-1/2", 9.3#, J-55 8rd EUE tubing.
- 5) PU bit and scraper on 3-1/2" tubing and TIH to top of 5-1/2" liner at 8000'. TOOH.
- 6) Run 5-1/2" 17# L-80 casing as production string from surface to 8000'. Tie to 29.7# 7-5/8" casing with full bore packer rated for 2500# and sour service.
- 7) Load backside with inhibited packer fluid from surface. Pressure test casing to 1000#.
- 8) ND BOPE. NU tree with new configuration for 5-1/2".
- 9) Swab well in. RTP. RDMO.

13.

Name (Printed/Typed)

CHRIS MATHEWSON

Title

ENGINEERING TECHNICIAN

Signature

Chris Mathewson

Date

8/21/2001

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 8/28/01

By: [Signature]

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR

Date: 8/28/01

Initials: CHD

RECEIVED

AUG 27 2001

DIVISION OF
OIL, GAS AND MINING

LISBON (MISSISSIPPIAN) UNIT D-84

1980' FSL, 660' FEL SEC 4 T30S R24E

SAN JUAN COUNTY, UTAH

SPUD DATE: 3-15-60

GL ELEV: 6524'

KB ELEV: 6536'

2 7/8" AND 3 1/2" TUBING DETAIL

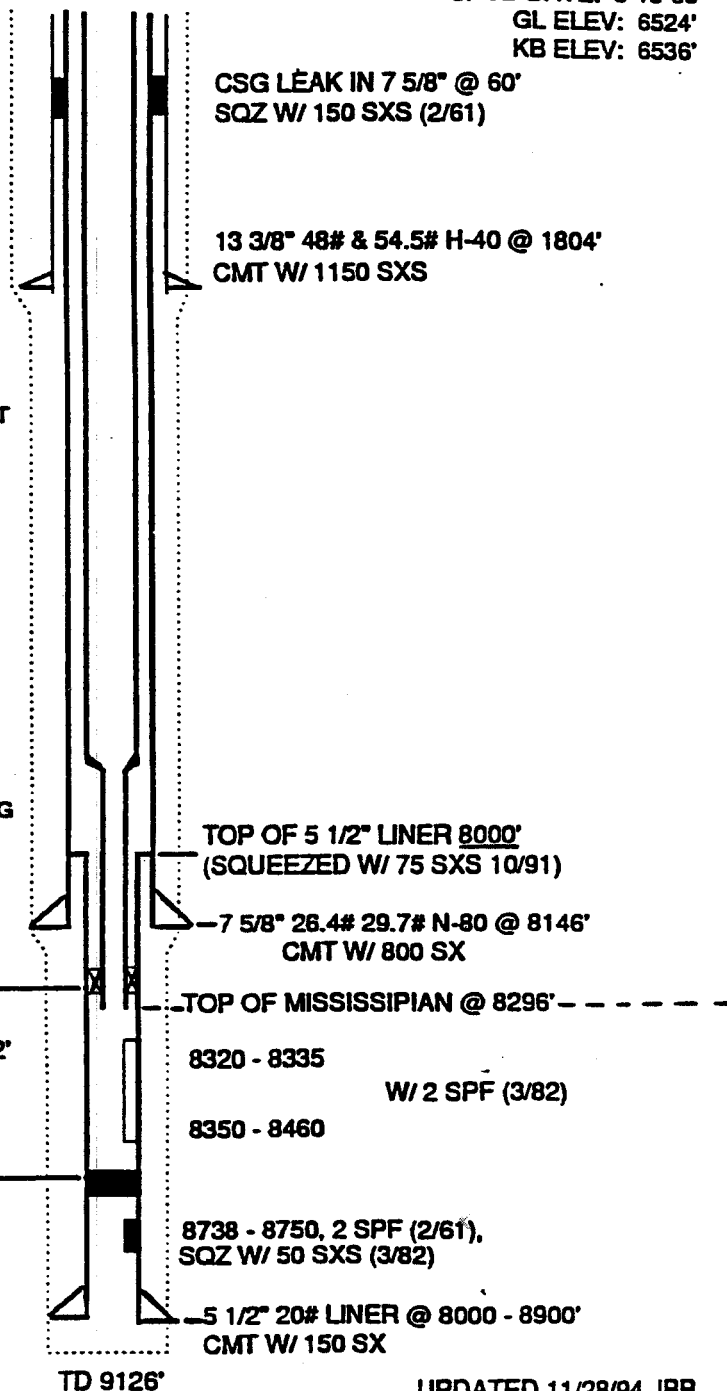
0.55	3.668" x 2.441" GUIBERSON W/L RE-ENTRY GUIDE W/ P/O
0.82	3.668" x 2.25" BAKER "R" NIPPLE W/ 2.197 NO/GO
9.91	2-7/8" 6.5# J-55 8RD EUE NEW PUP JT
0.82	3.668" x 2.25" BAKER "F" NIPPLE
10.02	2-7/8" 6.5# J-55 8RD EUE NEW PUP JT
7.20	5-1/2" x 2-7/8" 17-20# GUIBERSON UNI VI 6K NICKEL PLATED
2.10	5-1/2" x 2-7/8" GUIBERSON XL ON/OFF TOOL W/2.40" BORE
31.88	1 JT - 2-7/8" 6.5# J-55 UNK 8RD EUE AB MOD U SMLS TBG
1.10	3.125" x 2.285" OBANNON STD S.N.
349.95	11 JTS - 2-7/8" 6.5# J-55 UNK 8RD EUE AB MOD U SMLS TBG
0.48	2-7/8" x 3-1/2" 8RD EUE AB MOD X-OVER
7869.83	266 JTS - 3-1/2" 9.3# J-55 UNK 8RD EUE AB MOD U SMLS TBG
8,284.66	TOTAL TBG (278 JTS)
12.00	BKDB (GL-KDB)
8296.66	
-3.5'	LESS DUE TO TBG HD TOP 3.5 ABOVE GL
8293.16	FHD

GUIBERSON UNI-6 PKR
@ 8264' W/ GUIBERSON
XL ON/OFF TOOL @ 8262'

NOTE: PKR SET W/ 18,000#
COMPRESSION (3.4' SLACK-OFF)

HALCO SV EZ-DRILL CMT RET @ 8650'

PBTD 8858'



TD 9125'

UPDATED 11/28/94 JBB

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator:

Tom Brown, Inc.

Contact: Chris Mathewson

Phone: 303-260-5134

3. Address and Telephone No.

555 Seventeenth Street, Suite 1850, Denver, CO 80202

4. Location of Well

Footages: 1980' FSL & 660' FEL

QQ, Sec T,R,M: Sec. 4-T30S-R24E

5. Lease Designation and Serial No.

UTU 015445

6. If Indian, Allottee or Tribe Name

NA

7. Unit Agreement Name

Lisbon Unit

8. Well Name and Number

Lisbon D-84

9. API Well Number

43-037-16250

10. Field and Pool, or Exploratory Area

Mississippian

County: San JuanState: Utah

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Other | <input type="checkbox"/> Water Shut-Off |

Date of work completion 8/30/2001Report results of Multiple Completions and Recompletions to different reservoirs
on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/22-30/2001

In an attempt to increase production from this well, Tom Brown, Inc. ran 176 jts of 5-1/2" 20# L-80 casing with a 5-1/2" x 7-5/8" model 440 packer, set at 7992'. Daily reports with details of the work are attached to this sundry notice.

RECEIVED

NOV 30 2001

DIVISION OF
OIL, GAS AND MINING

13.

Name (Printed/Typed)

Chris Mathewson

Title

Engineering Technician

Signature

Chris Mathewson

Date

11/26/2001

(This space for State use only)

**Tom Brown, Inc.**

555 Seventeenth Street, Suite 1850
Denver, CO 80202-3918
(303) 260-5000

Daily Activity Report

Report Date : Tuesday, November 27, 2001
Page 1 of 2

Well=Lisbon D 084' for 8/1/2001 to 11/26/2001

DAILY COMPLETION / WELLWORK REPORT

From : 8/1/2001 To : 11/26/2001

Well=Lisbon D 084' for 8/1/2001 to 11/26/2001

Well Name : Lisbon D 084

Job Start Date : 8/23/2001

Operator : Tom Brown, Inc.

AFE # : C01U381

Loc : NE SE

STR : 4 - 30S - 24E

WI : 0.95835 NRI 0.8163163

County : San Juan, Ut

API Code : 043-037-16250

AFEDHC : \$0

Field : Lisbon Unit

AFECWC : \$136,960

Contractor :

AFE Type : Workover

Spud Date :

Turn To Completion Date :

Depth : 0 ft.

Comp Date :

Date First Production : 4/11/1965

PBTD : 0 ft.

Job Purpose : Increase production

Date : 8/23/2001

Activity: Rigging Up

Days On Completion: 1

Remarks : Move in rig & equipment

DC : \$3,100

CCC: \$3,100

CWC: \$3,100

Date : 8/24/2001

Activity: Release RBP

Days On Completion: 2

Remarks : Rig up, safety meeting. Inspec rig & equipment. Spot equipment, cat walk & pipe ranks.

DC : \$6,180

CCC: \$9,280

CWC: \$9,280

Date : 8/25/2001

Activity: SDFWE

Days On Completion: 3

Remarks :

DC : \$0

CCC: \$9,280

CWC: \$9,280

Date : 8/26/2001

Activity: SDFWE

Days On Completion: 4

Remarks :

DC : \$0

CCC: \$9,280

CWC: \$9,280

Date : 8/27/2001

Activity: Change Out Tubing

Days On Completion: 5

Remarks : Safety meeting. R/U pump, pump 100 bbl, 2% KCL, ND tree, NU BOP test csg & BOP to 1000 PSI F/30 min. Release pkr TOO H w/3-1/2" tbg & pkr. Well kicking, pulled 48 stds. SION

DC : \$7,940

CCC: \$17,220

CWC: \$17,220

DAILY COMPLETION / WELLWORK REPORT**From : 8/1/2001****To : 11/26/2001**

Well="Lisbon D 084" for 8/1/2001 to 11/26/2001

Date : 8/28/2001**Activity:** Change Out Tubing**Days On Completion:** 6

Remarks : Safety meeting, pump 100 bbl, 2% KCL, TOO H W/3-1/2" tbg & pkr. Pulled 5 stds, hole unloading, pump 250 bbl, 2% KCL, TOO H W/3-1/2" tbg & pkr, L/D pkr, unload 5-1/2" 20# L-80 csg. M/U 6-3/4" bit & scrapper. Blow down well, pump 100 bbl, 2% KCL to kill well. TIH w/bit, scrapper & tbg T/7996'. SION

DC : \$77,430**CCC:** \$94,650**CWC:** \$94,650**Date :** 8/29/2001**Activity:** Change Out Tubing**Days On Completion:** 7

Remarks : Safety meeting, pump 150 bbl, 2% KCL, L/D 3-1/2" tbg. Pumped 200 bbl, 2% KCL, L/D 3-1/2" tbg, pumped 200 bbl, 2% KCL, M/U 2-7/8 x 7-5/8 pkr & set @ 30' fill back side. SION

DC : \$9,230**CCC:** \$103,880**CWC:** \$103,880**Date :** 8/30/2001**Activity:** Change Out Tubing**Days On Completion:** 8

Remarks : Safety meeting, got hot permit to work on well head. ND BOP, change out well head. NU BOP, change rams, blow down well, pump 200 bbl, 2% KCL. Release pkr & L/D pkr & 1 jt, 2-7/8" tbg, M/U 7-5/8" x 5-1/2" model "440", 6000 PSI csg. Pkr run 4 jts, 5-1/2", RU RMWS & set WRP 50' above pkr. Run 60 jts, 5-1/2" load 5-1/2" W/2% KCL. Run in hole w/pkr & 5-1/2", T/4700'. SION

DC : \$36,730**CCC:** \$140,610**CWC:** \$140,610**Date :** 8/31/2001**Activity:** RD&MOSU**Days On Completion:** 9

Remarks : Safety meeting, blow down well. Pump 150 bbl, 2% KCL. Run in hole w/pkr & 5-1/2". Set pkr @ 7992'. Load back side w/pkr fluid & 2% KCL. Pressure test backside T/1000 PSI. ND BOP NU master valve, R/U RMWS. Retrieve WRP. R/D RMWS, NU tree, flow well clean. BTP RDMO. Ran 176 jts 7974' 5-1/2" 20# L-80 csg, w/5-1/2" X 7-5/8" model "440" pkr. Set @ 7992' W/20,000 comp.

DC : \$18,430**CCC:** \$159,040**CWC:** \$159,040

State of Delaware
Secretary of State
Division of Corporations
Delivered 06:15 PM 12/22/2004
FILED 06:15 PM 12/22/2004
SRV 040934710 - 2137895 FILE

**STATE OF DELAWARE
CERTIFICATE OF MERGER OF
DOMESTIC CORPORATIONS**

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

FIRST: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., and the names and jurisdictions of the corporations being merged into this surviving corporation are as follows:

<u>Name</u>	<u>Jurisdiction of Incorporation</u>
Tom Brown, Inc.	Delaware corporation
TBI Pipeline Company	Delaware corporation
TBI West Virginia, Inc.	Delaware corporation

SECOND: The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations.

THIRD: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., a Delaware corporation.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.


FIFTH: The merger is to become effective on January 1, 2005.

SIXTH: The Agreement and Plan of Merger is on file at 950 17th Street, Suite 2600, Denver, Colorado 80202, the place of business of the surviving corporation.

SEVENTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

IN WITNESS WHEREOF, said surviving corporation has caused this certificate to be signed by an authorized officer, the 17th day of December, A.D., 2004.

ENCANA OIL & GAS (USA) INC.

By: 
Mary A. Viviano, Secretary

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

"TBI WEST VIRGINIA, INC.", A DELAWARE CORPORATION,

"TOM BROWN, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ENCANA OIL & GAS (USA) INC." UNDER THE NAME OF "ENCANA OIL & GAS (USA) INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2004, AT 6:15 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2005.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2137895 8100M

040934710

Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

**STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name

7. Unit Agreement Name

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

8. Well Name and Number

 2. Name of Operator: EnCana Oil & Gas (USA) Inc.
(successor in interest of Tom Brown, Inc. effective 1/1/05)

 Contact: Jane Washburn
Phone: 720/876-5431

9. API Well Number

3. Address and Telephone No.

370 Seventeenth Street, Suite 1700, Denver, CO 80202

10. Field and Pool, or Exploratory Area

4. Location of Well

Footages:

SEE ATTACHED LIST OF WELLS

County:

QQ, Sec T,R,M:

State:

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Water Shut-Off | |

☒ Other

Change of Operator

Date of work completion _____

 Report results of Multiple Completions and Recompletions to different reservoirs
on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

determined that the site is ready for final inspection.)

N9885

N2175

The merger of Tom Brown, Inc. with EnCana Oil & Gas (USA) Inc. was effective January 1, 2005.

 It is, therefore, requested that the Operator of all properties on the attached list be changed
from Tom Brown, Inc. to EnCana Oil & Gas (USA) Inc.

RECEIVED

JAN 2 / 2005

DIV. OF OIL, GAS & MINING

13.

Name (Printed/Typed)

Jane Washburn

Title

Operations Engineering Tech

Signature



Date

01/24/2005

(This space for State use only)

APPROVED

2/24/05

ER

 Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well name	sec	twsp	rng	api	entity	lease	well	stat	flag	unit_name	lease_num	qtr_qtr	td_md	d_apd	op_no
BIG INDIAN 36-42	36	290S	240E	4303731827		State	GW	APD			ST-UT-37067	SESW		5750	N9885
FEDERAL 14-18	18	250S	060E	4301530060	436	Federal	NA	PA			UTU-69447	SWSW			N9885
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal	WD	A			UTU-070034	NENW			N9885
FEDERAL 15-25	25	290S	230E	4303730317	4776	Federal	GW	S			UTU-986	SWSE			N9885
BIG INDIAN 35-24	35	290S	240E	4303731829	14409	Federal	GW	DRL	C		UTU-077077	SENE			N9885
BIG INDIAN 27-34	27	290S	240E	4303731828		Federal	GW	APD	C		N9885				
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S		BIG INDIAN	UTSL-067131	SENE			N9885
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	TA		BIG INDIAN	UTSL-089097	SWSW			N9885
BIG INDIAN 34-11	34	290S	240E	4303731818	14004	Federal	D	PA	C	BIG INDIAN	UTU-014905	NWNW			N9885
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	DRL	C	BULL HORN	UT-73190	SWSE			N9885
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P		LISBON	UTU-09179	NENW			N9885
LISBON FED 2-21F	21	300S	250E	4303715768	410	Federal	GW	S		LISBON	UTU-094674	SENE			N9885
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S		LISBON	UTU-06922	SESW			N9885
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA		LISBON	UTSL-070034	SWNW			N9885
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	A		LISBON	UTU-020691A	SWNW			N9885
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S		LISBON	UTSL-070034	NENW			N9885
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S		LISBON	UTU-09179	NWNE			N9885
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S		LISBON	UTU-66582	SWSE			N9885
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P		LISBON	UTU-015445	NESE			N9885
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P		LISBON	UTU-015445	NESE			N9885
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal	OW	P		LISBON	UTSL-070008A	NENW			N9885
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P		LISBON	UTU-14903	NESE			N9885
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S		LISBON	UTU-09179	NESW			N9885
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S		LISBON	UTSL-070008A	NESW			N9885
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P		LISBON	UTU-09179	SWSE			N9885
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S		LISBON	UTU-015445	SESW			N9885
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA		LISBON	UTU-0141903	SWSE			N9885
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	P		LISBON	ML-13692	NENE	9120	9120	N9885
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S		LISBON	ML-8366	NESW	8689	8689	N9885
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A		LISBON	ML-8366	NESW	8730	9100	N9885
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	P		LISBON	ML-13692	SENE	8794	8775	N9885
LISBON U B-610	10	300S	240E	4303716469	8123	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW			N9885
LISBON U B-610	10	300S	240E	4303716469	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW			N9885
LISBON U D-610	10	300S	240E	4303730694	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTU-014903	NENE			N9885
LISBON UNIT A-911	11	300S	240E	4303731014	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTSL-070008A	SWSW			N9885
LISBON C-910	10	300S	240E	4303731323	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	SWSE			N9885
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	TA		LISBON (MCCRACKEN)	UTSL-070008A	NENW			N9885
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NESW			N9885
LISBON (MCCRACKEN) D-615	15	300S	240E	4303731817		Federal	OW	LA		LISBON (MCCRACKEN)	N9885				
LISBON (MCCRACKEN) A-610	10	300S	240E	4303731821		Federal	OW	LA		LISBON (MCCRACKEN)	N9885				

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Change of Name**Merger**

The operator of the well(s) listed below has changed, effective:

1/1/2005**FROM: (Old Operator):**

N9885-Tom Brown, Inc.
555 17th St, Suite 1850
Denver, CO 80202

Phone: 1-(720) 876-5157

TO: (New Operator):

N2175-EnCana Oil & Gas (USA) Inc.
370 17th St, Suite 1700
Denver, CO 80202

Phone: 1-(720) 876-5068

CA No.**Unit:****LISBON****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal	OW	P
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	A
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal	WD	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/27/20052. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/27/20053. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 5053175-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on:

In PLACE

6b. Inspections of LA PA state/fee well sites complete on:

n/a

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/24/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/24/2005
3. Bond information entered in RBDMS on: 2/24/2005
4. Fee/State wells attached to bond in RBDMS on: 2/24/2005
5. Injection Projects to new operator in RBDMS on: 2/24/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1005

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0007875
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Merger and rider of bond from Tom Brown, Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator:

EnCana Oil & Gas (USA) Inc.

Contact: Jane Washburn

Phone: 720/876-5431

3. Address and Telephone No.

Fax: 720/876-6431

370 17th Street, Suite 1700, Denver, CO 80202

4. Location of Well (Footage, T, R, M, or Survey Description)

1980' FSL & 660' FEL, Sec. 4-T30S-R24E

5. Lease Serial No.

UTU 015445

6. If Indian, Allote or Tribe Name

N/A

7. If Unit or CA/Agreement Designation

Lisbon Unit

8. Well Name and No.

Lisbon D-84

9. API Well No.

43-037-16250

10. Field and Pool, or Exploratory Area

Mississippian

11. County or Parish, State

San Juan, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (start/resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Workover</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A workover was performed on the Lisbon D-84 to shut off water production and change out tubing to 3-1/2".
A CICR was set @ 8610' to plug back the perf @ 8614-8622 and 3-1/2" tubing set @ 8244'.
The well was returned to production. Attached are daily reports detailing the activity along with a revised wellbore diagram.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jane Washburn

Title

Operations Engineering Technician

Signature

Jane Washburn

Date

07/12/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUL 19 2005

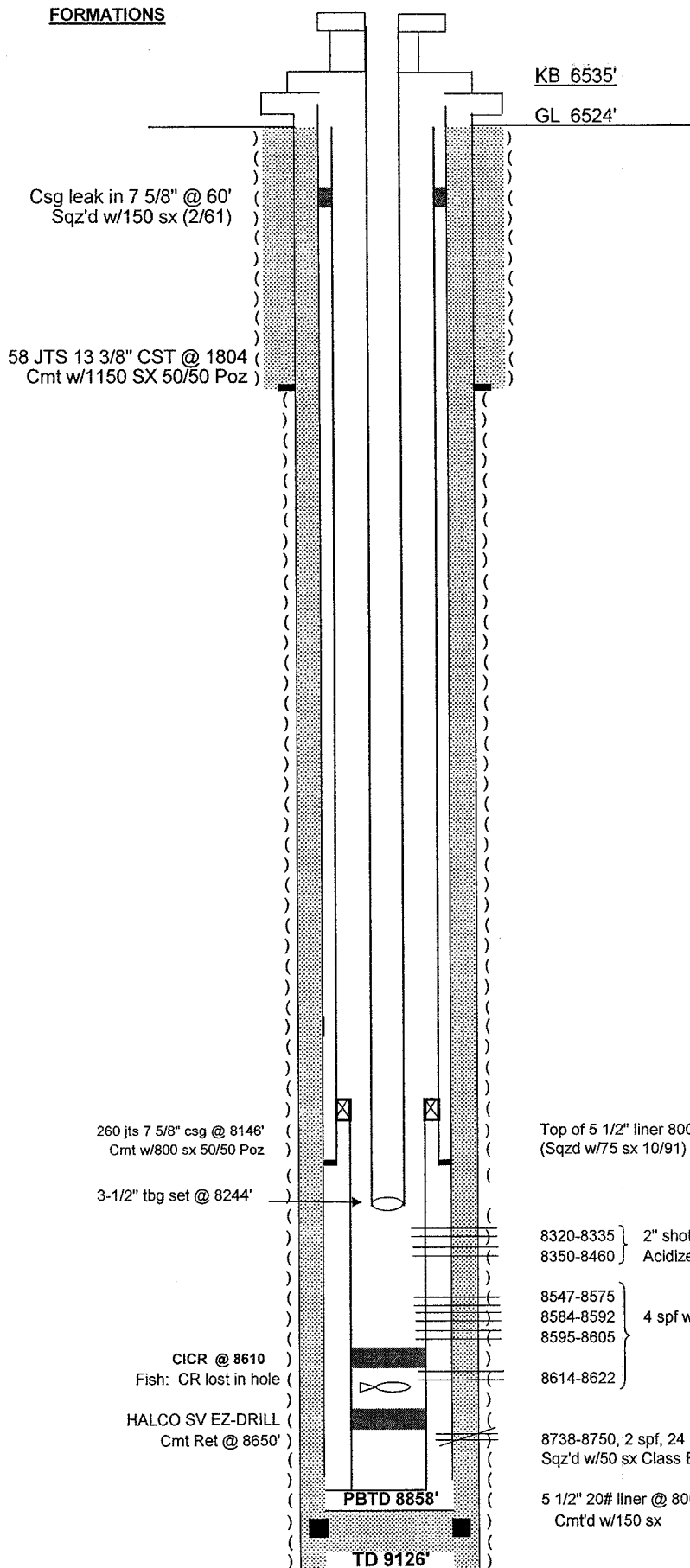
DIV. OF OIL, GAS & MINING

WELLBORE DIAGRAM

Surface Loc: 1900' FSL, 660' FEL

Operator: Tom Brown, Inc.
 Well Name: Lisbon D-084
 Lease Number:
 Location: NESE Sec 4-T30S-R24E
 Field: Lisbon
 County: San Juan County, Utah
 API Number: 43-037-16250
 Diagram Date: 4/14/04 jw
 Rev: 7/12/05 jw

FORMATIONS



Well History

Spud Date 03/15/1960
 TD Reached 06/02/1960
 Rig Released 06/07/1960
 Completion Date 06/27/1960

Top of 5 1/2" liner 8000'
(Sgz'd w/75 sx 10/91)

8320-8335 } 2" shots, 2 spf, 272 holes (3/82)
 8350-8460 } Acidized w/27,500 gal & 300 ball sealers in 9 stages

8547-8575 }
 8584-8592 } 4 spf w/19 gm chgs (3/95)
 8595-8605 } Acidized w/5500 gal acid
 8614-8622 }

8738-8750, 2 spf, 24 holes (2/61)
 Sgz'd w/50 sx Class B cmt (3/82)

5 1/2" 20# liner @ 8000-8900'
 Cmt'd w/150 sx

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/09/2005 Report # : 48

End Time

Description

AFE # : 4833581

6:00 PM

Summary : RIH w/ blind box tag @ 8595 w/ 15' fill
Run Protechincs production log. Turn
over to production.

Hold safety meeting on H2S and running the production log.
Production come and took wellhead equipment apart. 560 csg
pressure and 160 tbg pressure on sales. R/U Phoenix SL and RIH w/
blind box tag @ 8595 15' fill and bottom perf @ 8605 covered up.
RIH w/ production log. 3 HRS to log. POOH w/ logging tools and R/D
Phoenix SL. Turn well over to production.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/08/2005 Report # : 47

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/07/2005 Report # : 46

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/06/2005 Report # : 45

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/05/2005 Report # : 44

End Time

Description

AFE # : 4833581

Enter the description here

Summary : Well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/04/2005 Report # : 43

End Time

Description

AFE # : 4833581

6:00 PM

well on sales.

Summary : well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 06/03/2005 Report # : 42

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : Well on sales.

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 06/02/2005 Report # : 41 End Time Description
AFE # : 4833581 6:00 PM Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 06/01/2005 Report # : 40 End Time Description
AFE # : 4833581 6:00 PM Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 05/31/2005 Report # : 39 End Time Description
AFE # : 4833581 6:00 PM On sales.

Summary : On sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 05/30/2005 Report # : 38 End Time Description
AFE # : 4833581 6:00 PM On sales.

Summary : On sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 05/29/2005 Report # : 37 End Time Description
AFE # : 4833581 6:00 PM On sales.

Summary : On sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 05/28/2005 Report # : 36 End Time Description
AFE # : 4833581 6:00 PM ON sales.

Summary : On sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 05/27/2005 Report # : 35 End Time Description
AFE # : 4833581 6:00 PM On sales.

Summary : On sales.

Well Name : Lisbon D 084 API : 4303716250 Area : Lisbon

Ops Date : 05/26/2005 Report # : 34 End Time Description
AFE # : 4833581 6:00 PM On sales.

Summary : On sales.

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/25/2005

Report # : 33

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/24/2005

Report # : 32

End Time

Description

AFE # : 4833581

6:00 PM

well on sales.

Summary : Well on sales

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/23/2005

Report # : 31

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/22/2005

Report # : 30

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales.

Summary : Well on sales.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/21/2005

Report # : 29

End Time

Description

AFE # : 4833581

6:00 PM

Well on sales

Summary : Well on sales

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/20/2005

Report # : 28

End Time

Description

AFE # : 4833581

12:00 PM

RDMO.

Summary : RDMO.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/19/2005

Report # : 27

End Time

Description

AFE # : 4833581

6:00 PM

Summary : Lay down 10 jts. EOT @ 8244.

Rig up. 580 csg psi. 520 tbq psi on sales. Hold safety meeting on H2S. Plant production shut well in. R/U Phoenix SL and set plug in 2.75 R-nipple. Blow tbq down to tank. R/D Phoenix SL. N/D well head. N/U BOPE. Pull hanger and L/D 10 jts. EOT @ 8244 75' from top perf. N/D BOPE. N/U wellhead. R/U Phoenix SL and reteve plug. R/D Phoenix SL. Turn over to production.

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 05/18/2005

Report # : 26

End Time

Description

AFE # : 4833581

2:00 PM

Road rig to location. spot rig and equipment in. Had to replace to anhors Shut down.

Summary : MIRU

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/25/2005

Report # : 25

End Time

Description

AFE # : 4833581

6:00 PM

175 tbg pressure on sales @ 2.4 MMCF w/ 550 csg pressure. RDMO.

Summary : 175 tbg pressure on sales @ 2.4 MMCF w/ 550 csg pressure. RDMO.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/24/2005

Report # : 24

End Time

Description

AFE # : 4833581

6:00 PM

165 tbg pressure on sales @ 2.0 MMCF w/ 550 csg pressure. Left on sales. Stand-by.

Summary : 165 tbg pressure on sales @ 2.0 MMCF w/ 550 csg pressure. Left on sales. Stand-by.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/23/2005

Report # : 23

End Time

Description

AFE # : 4833581

6:00 PM

170 tbg pressure on sales making 2.0 MMCF w/ 550 csg pressure. Flow test on sales. Turn over to production.

Summary : 170 tbg pressure on sales making 2.0 MMCF w/ 550 csg pressure. Flow test on sales. Turn over to production.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/22/2005

Report # : 22

End Time

Description

AFE # : 4833581

6:00 PM

570 csg pressure. 160 tbg pressure on sales @ 2.0 MMCF. Flow test on sales. Turn over to production.

Summary : 570 csg pressure. 160 tbg pressure on sales @ 2.0 MMCF. Flow test on sales. Turn over to production.

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/21/2005	Report # : 21	End Time	Description
AFE # : 4833581		6:00 PM	550 csg pressure. 150-170 tbg pressure saling @ 1.7 MMCF. R/u BJ Service to wellhead and shut in sales line. Hold pre-safety meeting. Pressure test lines to 4700. Start job 485 SITP pump 5000 gals of 15% HCL acid @ 5 bpm. TBG pressure when to 0 psi. Flush w/ 84 bbls. ISIP 0 shut tbg in @ 10:05. R/D BJ Service and R/U to swab @ 10:35 RIH tag fluid @ 7000 bbls to recover 205. Made 20 runs. TBG started flowing recover 80 bbls. Flow to tank. Turn over to production.
Summary : 550 csg pressure. 150-170 tbg pressure saling @ 1.7 MMCF. R/u BJ Service to wellhead and shut in sales line. Hold pre-safety meeting. Pressure test lines to 4700. Start job 485 SITP pump 5000 gals of 15% HCL acid @ 5 bpm. TBG pressure when to 0 psi. Flush w/ 84 bbls. ISIP 0 shut tbg in @ 10:05. R/D BJ Service and R/U to swab @ 10:35 RIH tag fluid @ 7000 bbls to recover 205. Made 20 runs. TBG started flowing recover 80 bbls. Flow to tank. Turn over to production.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/20/2005	Report # : 20	End Time	Description
AFE # : 4833581		6:00 PM	570 csg pressure. 130 tbg pressure on sales line. Open tbg up to flow back tankand blew down. RIH w/ swab and tag fluid 2 1800. Made 11 run and started flowing. Recover 30 bbls. Flow for 4 hrs and put well on sales. Turn over to production. Hauled off 130 bbls.
Summary : 570 csg pressure. 130 tbg pressure on sales line. Open tbg up to flow back tankand blew down. RIH w/ swab and tag fluid 2 1800. Made 11 run and started flowing. Recover 30 bbls. Flow for 4 hrs and put well on sales. Turn over to production. Hauled off 130 bbls.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/19/2005	Report # : 19	End Time	Description
AFE # : 4833581		6:00 PM	160 SITP. 580 SICP. Blew tbg down to tank. RIH w/ swab tag fluid @ 6800. Made 31 runs and tbg started flowing. Flow tbg to upright tank and water truck hauled off 165 bbls. Turn well over to Production.
Summary : 160 SITP. 580 SICP. Blew tbg down to tank. RIH w/ swab tag fluid @ 6800. Made 31 runs and tbg started flowing. Flow tbg to upright tank and water truck hauled off 165 bbls. Turn well over to Production.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/18/2005	Report # : 18	End Time	Description
AFE # : 4833581		6:00 PM	560 SITP. 580 SICP. Wait on Ace West foam unit. R/U unit to tbg. Hold pre-safety meeting. Start puming hit 800 psi and broke back. open csg up on ajustable choke to upright. Start getting returns circulatefor 3 1/2 hrs. Shut down foam unit and open tbg up to upright tank. flowed for 45 min and dieded down. Csg pressure started coming up from 350 to 450. Recover 40 bbls. R/D Ace West foam uint. RIH w/ swab tag foam cut fluid. Made 3 runs and recover 8 +/- bbls. SWIFN.
Summary : 560 SITP. 580 SICP. Wait on Ace West foam unit. R/U unit to tbg. Hold pre-safety meeting. Start puming hit 800 psi and broke back. open csg up on ajustable choke to upright. Start getting returns circulatefor 3 1/2 hrs. Shut down foam unit and open tbg up to upright tank. flowed for 45 min and dieded down. Csg pressure started coming up from 350 to 450. Recover 40 bbls. R/D Ace West foam uint. RIH w/ swab tag foam cut fluid. Made 3 runs and recover 8 +/- bbls. SWIFN.			

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/17/2005	Report # : 17	End Time	Description
AFE # : 4833581		6:00 PM	390 SITP. 575 SICP. Blew tbg down to upright wait 30 mins. RIH w/ swab tag fluid @ 5600. Made 23 runs and recover bbls. Total blls recovered. SWIFN.
Summary : 390 SITP. 575 SICP. Blew tbg down to upright wait 30 mins. RIH w/ swab tag fluid @ 5600. Made 23 runs and recover 55 bbls. Total 255 bbls recovered. SWIFN.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/16/2005	Report # : 16	End Time	Description
AFE # : 4833581		6:00 PM	500 SITP. 550 SICP. Blew tbg down to upright 15 mins died. RIH w/ swab and tag fluid @ 4700 made 5 runs gas cut fluid. R/U Phoenix SL to run TD tag @ 8609 and EOT clear. Go back to swabbing. made total of 23 runs. TBG started to flow. Recovered 60 bbls. Flow to up right. Flowed for 4 1/2 HRS. Recovered 20 bbls. Total bbls recovered 200. Tbg died SWIFN.
Summary : 500 SITP. 550 SICP. Blew tbg down to upright 15 mins died. RIH w/ swab and tag fluid @ 4700 made 5 runs gas cut fluid. R/U Phoenix SL to run TD tag @ 8609 and EOT clear. Go back to swabbing. made total of 23 runs. TBG started to flow. Recovered 60 bbls. Flow to up right. Flowed for 4 1/2 HRS. Recovered 20 bbls. Total bbls recovered 200. Tbg died SWIFN.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/15/2005	Report # : 15	End Time	Description
AFE # : 4833581		6:00 PM	440 SITP. 560 SICP. Blew tbg down to upright tank. (10 mins). RIH w/ swab tag fluid @ 4200 Made 10 runs. Take off NO-GO and run to EOT. Hung up coming thur profile nipples. Made total 20 swab runs. Recovered 70 bbls and haul off 80 bbls. Total bbls recovered 130. SWIFN.
Summary : 440 SITP. 560 SICP. Blew tbg down to upright tank. (10 mins). RIH w/ swab tag fluid @ 4200 Made 10 runs. Take off NO-GO and run to EOT. Hung up coming thur profile nipples. Made total 20 swab runs. Recovered 70 bbls and haul off 80 bbls. Total bbls recovered 130. SWIFN.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/14/2005	Report # : 14	End Time	Description
AFE # : 4833581		6:00 PM	Safety meeting. 600 SITP. 500 SICP. Clyde from the plant come open tbg to sales. TBG deid. M&R trucking moved equipment off location and to Dry creek store. R/U to swab open tbg up to upright tank blew down w/ 160 psi. RIH w/ swab tag fluid @ 4500 made 17 runs. Recovered 60 bbls. First 8 runs had scale in swab cups and ripping up cups. SWIFN
Summary : Safety meeting. 600 SITP. 500 SICP. Clyde from the plant come open tbg to sales. TBG deid. M&R trucking moved equipment off location and to Dry creek store. R/U to swab open tbg up to upright tank blew down w/ 160 psi. RIH w/ swab tag fluid @ 4500 made 17 runs. Recovered 60 bbls. First 8 runs had scale in swab cups and ripping up cups. SWIFN			

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/13/2005 Report # : 13 End Time Description
AFE # : 4833581 6:00 PM Shut down

Summary : Shut Down.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/12/2005 Report # : 12 End Time Description
AFE # : 4833581 6:00 PM Shut Down.

Summary : Shut down.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/11/2005 Report # : 11 End Time Description
AFE # : 4833581 7:00 PM 550 SIWP. RIH w/ 5 1/2 CICR set @ 8610. R/D Lone Wolf WL. Pump 270 bbl kill. RIH w/ 3 1/2 collar, 2' sub, 2.75 profile F-nipple, 1 jt 3 1/2 L-80 tbg, 2.81 profile F-nipple and TIH w/ 284 jts 3 1/2 L-80 tbg. Total jts in the hole 285. Land tbg @ 8551. N/D BOPE. N/U wellhead. Turn over to prouction. S/D.

Summary : 550 SIWP. RIH w/ 5 1/2 CICR set @ 8610. R/D Lone Wolf WL. Pump 270 bbl kill. RIH w/ 3 1/2 collar, 2' sub, 2.75 profile F-nipple, 1 jt 3 1/2 L-80 tbg, 2.81 profile F-nipple and TIH w/ 284 jts 3 1/2 L-80 tbg. Total jts in the hole 285. Land tbg @ 8551. N/D BOPE. N/U wellhead. Turn over to prouction. S/D.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/10/2005 Report # : 10 End Time Description
AFE # : 4833581 6:00 PM 540 SIWP. R/U Lone Wolf WL. RIH w/ 4.75 JBGR tag @ 7990 pooh. RIH w/ 3.70 JBGR tag @ 7990 pooh. RIH w/ 3.70 JBGR tag @ 8623 got hung up @ 8573 pull free pooh and no trash. RIH w/ 5 1/2 CICR tag @ 8307 try twice pooh. RIH w/ 4.65 JBGR tag @ 8300 and pushed it to 8623 pooh and had the slip off the packer and some rubber. RIH w/ CICR and set @ 8610 miss-run pooh lost retainer. SWIFN.

Summary : 540 SIWP. R/U Lone Wolf WL. RIH w/ 4.75 JBGR tag @ 7990 pooh. RIH w/ 3.70 JBGR tag @ 7990 pooh. RIH w/ 3.70 JBGR tag @ 8623 got hung up @ 8573 pull free pooh and no trash. RIH w/ 5 1/2 CICR tag @ 8307 try twice pooh. RIH w/ 4.65 JBGR tag @ 8300 and pushed it to 8623 pooh and had the slip off the packer and some rubber. RIH w/ CICR and set @ 8610 miss-run pooh Lost the retainer. SWIFN.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/09/2005 Report # : 8 End Time Description
AFE # : 4833581 6:00 PM 400 SITP. 400 SICP. Pump 40 bbls down csg. Pump 200 down 5 1/2. L/D 69 jts 5 1/2 20# csg. Total jts L/D 176. Lost 1 PKR slip and element. Total bbls pumped 340 bbls. R/D T&M casing. change over to 3 1/2 equipment. SWIFN.

Summary : 400 SITP. 400 SICP. Pump 40 bbls down csg. Pump 200 down 5 1/2. L/D 69 jts 5 1/2 20# csg. Total jts L/D 176. Lost 1 PKR slip and element. Total bbls pumped 340 bbls. R/D T&M casing. change over to 3 1/2 equipment. SWIFN.

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/08/2005	Report # : 7	End Time	Description
AFE # : 4833581		6:00 PM	470 SITP. 520 SICP. Bull head 100 bbls down 5 1/2 and 100 bbls down 7 5/8. L/D 1 jts and 5 1/2 stated blowing. Pump 100 bbls down 5 1/2. L/D 83 jts. Had to pump kills on 5 1/2 on the way out. SWIFN.
Summary : Safety meeting. 470 SITP. 520 SICP. Bull head 100 bbls down 5 1/2 and 100 bbls down 7 5/8. L/D 1 jts and 5 1/2 stated blowing. Pump 100 bbls down 5 1/2. L/D 83 jts. Had to pump kills on 5 1/2 on the way out. SWIFN.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/07/2005	Report # : 6	End Time	Description
AFE # : 4833581		6:00 PM	230 psi on sales. Clyde from the plant come up and shut well in. Pump 200 bbl kill. N/D wellhead. N/U BOPE. Spear csg w/ 4.695 grapple Release Weatherford model '440' casing packer and pull above BOP (wt. 160000#). R/U T&M Casings tongs and equipment. L/D 24 jts. 5 1/2 csg started blowing. SWIFN.
Summary : Safety meeting. 230 psi on sales. Clyde from the plant come up and shut well in. Pump 200 bbl kill. N/D wellhead. N/U BOPE. Spear csg w/ 4.695 grapple Release Weatherford model '440' casing packer and pull above BOP (wt. 160000#). R/U T&M Casings tongs and equipment. L/D 24 jts. 5 1/2 CSG started blowing. SWIFN.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/06/2005	Report # : 5	End Time	Description
AFE # : 4833581		6:00 PM	
Summary : Shut down			ter the description here Shut down.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/05/2005	Report # : 4	End Time	Description
AFE # : 4833581		6:00 PM	Shut down.
Summary : Shut down.			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/04/2005	Report # : 3	End Time	Description
AFE # : 4833581		6:00 PM	Stand-by
Summary : Stand-By			

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/03/2005	Report # : 2	End Time	Description
AFE # : 4833581		6:00 PM	MIRU. Change over to 5 1/2 equipment. Shut down.
Summary : MIRU. Change over to 5 1/2 equipment. Shut down.			

REGULATORY COMPLETION SUMMARY



Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date : 03/02/2005

Report # : 1

End Time

Description

AFE # : 4833581

6:00 PM

Shut down Rig crew H2S training.

Summary : Shut down Rig crew H2S training.

Well Name : Lisbon D 084

API : 4303716250

Area : Lisbon

Ops Date :

Report # : 9

End Time

Description

AFE # : 4833581

Enter the description here

Summary :

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/14/2010

FROM: (Old Operator):

N2175-EnCana Oil & Gas (USA) Inc.
 370 17th Street, Suite 1700
 Denver, CO 80202
 Phone: 1 (303) 623-2300

TO: (New Operator):

N3670-Patara Oil & Gas, LLC
 333 Clay Street, Suite 3960
 Houston, TX 77002
 Phone: 1 (713) 357-7171

CA No.

Unit:

LISBON

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/11/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/11/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/11/2010
- a. Is the new operator registered in the State of Utah: Business Number: 7655540-0161
- a. (R649-9-2)Waste Management Plan has been received on: * * requested 9/27/10
- b. Inspections of LA PA state/fee well sites complete on: * * requested 9/27/10
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 6/28/2010 & 9/2/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010
Lisbon B-816 only

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/14/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/14/2010
- Bond information entered in RBDMS on: 9/14/2010
- Fee/State wells attached to bond in RBDMS on: 9/14/2010
- Injection Projects to new operator in RBDMS on: 9/14/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/11/2010

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000428
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0013207 & B006008
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

ENCANA OIL & GAS (USA) INC.

N2175

3. ADDRESS OF OPERATOR:

370 17th Street, Suite 1700

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 623-2300

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached List

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

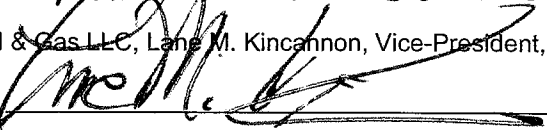
Effective May 4, 2010 Patara Oil & Gas LLC, 333 Clay Street, Suite 3960, Houston, TX 77002, will take over completions and operations and is designated as agent operator for the subject wells on the attached list.

Bond coverage for all activities will be covered by Patara's BLM Statewide Oil & Gas Bond No. UTB000428 and UDOGM Bond No. Pending. **RLB0013207 + B006008**

Patara Oil & Gas LLC, Lane M. Kincannon, Vice-President, Land & Business Development

N3670

Signature

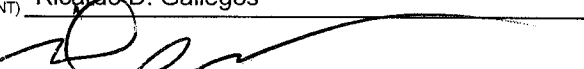


Date 5/4/2010

NAME (PLEASE PRINT) Ricardo D. Gallegos

TITLE Attorney-in-Fact

SIGNATURE



DATE 5/4/2010

(This space for State use only)

APPROVED

9/14/2010

(5/2000)

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

May 11 2010 ER

DIV. OF OIL, GAS & MINING

ENCANA O-G (N2175) to PATARA O-G (N3670)
effective May 4, 2010
LISBON UNIT

well name	sec	twp	rng	api	entity	lease	well	stat	C
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	S	
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P	
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S	
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	I	
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S	
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S	
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A	
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S	
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S	
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P	
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	S	
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P	
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S	
LISBON B-814	14	300S	240E	4303730082	8123	Federal	WD	A	
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	S	
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S	
LISBON UNIT A-911	11	300S	240E	4303731014	8123	Federal	GW	P	
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	S	
LISBON C-910	10	300S	240E	4303731323	8123	Federal	OW	S	
LISBON B-614A	14	300S	240E	4303731351	8123	Federal	OW	S	
LISBON B-810	10	300S	240E	4303731433	8123	Federal	OW	P	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO
3180
UT-922

June 28, 2010

David M. Laramie
Patara Oil & Gas, LLC
621 17th Street, Suite 1345
Denver, CO 80293

Re: Successor Operator
Lisbon Unit, UTU630370
San Juan County, Utah

Dear Mr. Laramie:

On June 25, 2010, we received an indenture dated May 4, 2010, whereby EnCana Oil & Gas (USA), Inc. resigned as Unit Operator and Patara Oil & Gas, LLC was designated as Successor Unit Operator for the Lisbon Unit, San Juan County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective June 28, 2010. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Lisbon Unit Agreement.

Your statewide oil and gas BLM Bond No. UTB000428 will be used to cover unit operations.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate Federal offices, with one copy returned herewith.

If you have any questions, contact Leslie Wilcken of this office at (801) 539-4112.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

RECEIVED

JUL 06 2010

DIV. OF OIL, GAS & MINING

Enclosure

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-015445			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		7. UNIT or CA AGREEMENT NAME: LISBON			
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202		8. WELL NAME and NUMBER: LISBON UNIT D-84			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 04 Township: 30.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037162500000			
		9. FIELD and POOL or WILDCAT: LISBON			
		COUNTY: SAN JUAN			
		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/20/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"><tr><td style="width: 33%; vertical-align: top;"><input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION</td><td style="width: 33%; vertical-align: top;"><input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER</td><td style="width: 33%; vertical-align: top;"><input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/></td></tr></table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>This well is located on the proposed Lisbon 3-32 location, which Patara plans to drill in November 2012. Patara will utilize the existing location as a new pad, and thus will have to cap the existing Lisbon D-84. Operations as follows: Lay down the 3.5 inch tbg, set a CIBP over the perms and cap the bradenhead with a flange. Should be at ground level so existing well will not interfere with the drill rig. The well will remain in TA status until the Lisbon 3-32 has been completed. Please contact Christopher Noonan with any questions. Thank you.</p>					
NAME (PLEASE PRINT) Christopher Noonan		PHONE NUMBER 303 563-5377			
TITLE Supervisor: Regulations & Production		DATE 9/19/2012			

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: September 25, 2012

By: Derek Quist

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-015445
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: LISBON UNIT D-84
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		9. API NUMBER: 43037162500000
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 04 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/2/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well is located on the proposed Lisbon 3-32 location, which Patara plans to drill in 2013. Patara will utilize the existing location as a new pad, and thus had to perform operations to cap the existing Lisbon D-84. Operations as follows: 10/2/2012 - Lay down the 3.5 inch tbg, set a CIBP over the perms and cap the bradenhead with a flange. H2S 200 ppm. Killed well with 25 bbls produced water. The well will remain in TA status until the Lisbon 3-32 has been completed. Please contact Christopher Noonan with any questions. Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 23, 2012

NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A		DATE 10/22/2012

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/1/2012

FROM: (Old Operator): N3670- Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685	TO: (New Operator): N3645- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685
---	--

CA No.				Unit:		Lisbon		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- a. Is the new operator registered in the State of Utah: Business Number: 8523441-0161
- a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 2/12/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/6/2013

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)

Effective 11/1/2012

Lisbon Unit

Well Name	Section	TWN	RNG	API Number	Entity	Lease Type	Well Type	Well Status
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A
LISBON B-814	14	300S	240E	4303730082	8123	Federal	WD	A
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	I
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	P
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123/9740	Federal	GW	P
LISBON UNIT A-911	11	300S	240E	4303731014	8123	Federal	GW	P
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	P
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	P
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	S
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	S
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	S
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	S
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S
LISBON C-910	10	300S	240E	4303731323	8123	Federal	OW	S

RECEIVED

JAN 23 2013

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: Patara Oil & Gas LLC <u>N3670</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S City Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 825-0685		8. WELL NAME and NUMBER: Multiple
4. LOCATION OF WELL FOOTAGES AT SURFACE: n/a		9. API NUMBER: n/a
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: n/a

COUNTY: San Juan, UT

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/1/2012	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) Christopher A. Noonan TITLE Regulations & Production Reporting Supervisor
SIGNATURE *Christopher A. Noonan* DATE 1/18/13

(This space for State use only)

APPROVED

FEB 12 2013

(5/2000)

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u>		8. WELL NAME and NUMBER: <u>Multiple</u>
PHONE NUMBER: <u>(303) 825-0685</u>		9. API NUMBER: n/a
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: n/a

COUNTY: San Juan, UT

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:
BLM: 105865919
State: 105865922

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations & Production Reporting Supervisor</u>
SIGNATURE <u>[Signature]</u>	DATE <u>2/6/2012</u>

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

RECEIVED

FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

API Well Number	Operator	Well Name	Well Status	Well Type	Field Name	County	Qtr/Qtr	Section	Township-Range)
✓ 43-037-15049-00-00	PATARA OIL & GAS LLC	LISBON D-616	Shut-In	Oil Well	LISBON	SAN JUAN	NENE	16	30S-24E 1
✓ 43-037-15123-00-00	PATARA OIL & GAS LLC	LISBON B-615	Producing	Oil Well	LISBON	SAN JUAN	NENW	15	30S-24E 2
✓ 43-037-15769-00-00	PATARA OIL & GAS LLC	LISBON B912	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	12	30S-24E 3
✓ 43-037-16219-00-00	PATARA OIL & GAS LLC	BIG INDIAN UNIT 1	Shut-In	Oil Well	BIG INDIAN (MADISON)	SAN JUAN	SENE	33	29S-24E 11
✓ 43-037-16221-00-00	PATARA OIL & GAS LLC	BIG INDIAN 4	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSW	14	30S-25E 5
✓ 43-037-16237-00-00	PATARA OIL & GAS LLC	LISBON A-715	Inactive	Water Disposal Well	LISBON	SAN JUAN	SWNW	15	30S-24E 6
✓ 43-037-16240-00-00	PATARA OIL & GAS LLC	LISBON B-613	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	13	30S-24E 7
✓ 43-037-16242-00-00	PATARA OIL & GAS LLC	LISBON B-616	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	16	30S-24E 8
✓ 43-037-16244-00-00	PATARA OIL & GAS LLC	BELCO ST 4 (LISBON B-816)	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	16	30S-24E 9
✓ 43-037-16245-00-00	PATARA OIL & GAS LLC	LISBON C-69	Shut-In	Oil Well	LISBON	SAN JUAN	NWNE	9	30S-24E 10

✓ 43-037-16247-00-00	PATARA OIL & GAS LLC	LISBON C-94	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	4	30S-24E 11
✓ 43-037-16250-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E 12
✓ 43-037-16251-00-00	PATARA OIL & GAS LLC	LISBON D-89	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	9	30S-24E 13
43-037-16469-00-00	PATARA OIL & GAS LLC	LISBON U B-610	Producing	Oil Well	LISBON	SAN JUAN	NENW	10	30S-24E 14
43-037-16471-00-00	PATARA OIL & GAS LLC	NW LISBON USA A-2 (D-810)	Producing	Gas Well	LISBON	SAN JUAN	NESE	10	30S-24E 15
43-037-30054-00-00	PATARA OIL & GAS LLC	LISBON B-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	4	30S-24E 16
43-037-30082-00-00	PATARA OIL & GAS LLC	LISBON B-814	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	14	30S-24E 17
43-037-30317-00-00	PATARA OIL & GAS LLC	FEDERAL 15-25	Shut-In	Gas Well	WILSON CANYON	SAN JUAN	SWSE	25	29S-23E 18
43-037-30693-00-00	PATARA OIL & GAS LLC	LISBON C-99	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	9	30S-24E 19
43-037-30694-00-00	PATARA OIL & GAS LLC	LISBON U D-610	Shut-In	Gas Well	LISBON	SAN JUAN	NENE	10	30S-24E 20
43-037-30695-00-00	PATARA OIL & GAS LLC	LISBON B-94	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	4	30S-24E 1
43-037-31014-00-00	PATARA OIL & GAS LLC	LISBON UNIT A-911	Producing	Gas Well	LISBON	SAN JUAN	SWSW	11	30S-24E 2
43-037-31034-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-716	Shut-In	Oil Well	LISBON	SAN JUAN	SENE	16	30S-24E 3
43-037-31323-00-00	PATARA OIL & GAS LLC	LISBON C-910	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	10	30S-24E 4
43-037-31351-00-00	PATARA OIL & GAS LLC	LISBON B-614A	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E 5
43-037-31433-00-00	PATARA OIL & GAS LLC	LISBON B-810	Producing	Oil Well	LISBON	SAN JUAN	NESW	10	30S-24E 6

43-037-31829-00-00	PATARA OIL & GAS LLC	BIG INDIAN 35-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	35	29S-24E 7
43-037-31831-00-00	PATARA OIL & GAS LLC	BULL HORN U 10-43	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSE	10	30S-25E 8
43-037-31838-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-14-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	36	29S-24E 9
43-037-31843-00-00	PATARA OIL & GAS LLC	BULL HORN FED 9-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	9	30S-25E 30
43-037-31848-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 1
43-037-31849-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 2
43-037-31850-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 3
43-037-31853-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-6-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LOT6	5	30S-25E 4
43-037-31854-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-31-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	31	29S-25E 5
43-037-31855-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12-29-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 6
43-037-31856-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 7
43-037-31859-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 8
43-037-31860-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-42-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	14	30S-25E 9
43-037-31861-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-42-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	10	30S-25E 40
43-037-31864-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-31-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 1
43-037-31877-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 2

43-037-31878-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 3
43-037-31883-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24B-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 4
43-037-31884-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13B-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 5
43-037-31885-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 6
43-037-31891-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-13-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 7
43-037-31893-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 30-41-29-25	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSW	30	29S-25E 8
43-037-31897-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-10-30-25	Spudded (Drilling commenced: Not yet completed)	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LT10	5	30S-25E 9
43-037-31901-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-43-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSE	25	29S-24E 10
43-037-31902-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-41-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWSW	25	29S-24E 1
43-037-31903-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-31-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	25	29S-24E 2
43-037-31904-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-34-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NESW	26	29S-24E 3

43-037-31905-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-23-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWNE	26	29S-24E 4
43-037-31906-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-44-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESE	31	29S-25E 5
43-037-31907-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-33-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSE	31	29S-25E 4
43-037-31909-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-22-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENW	31	29S-25E 7
43-037-31910-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-11-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWNW	31	29S-25E 8
43-037-50008-00-00	PATARA OIL & GAS LLC	CISCO STATE 36-13	Temporarily-Abandoned	Gas Well	WILDCAT	SAN JUAN	NWNE	36	31S-24E 9
43-037-50010-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 4-20-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWNW	4	30S-25E 60
43-037-50012-00-00	PATARA OIL & GAS LLC	Lisbon 11-32MC	Returned APD (Unapproved)	Oil Well	UNDESIGNATED	SAN JUAN	SWNE	11	30S-24E 1
43-037-50013-00-00	PATARA OIL & GAS LLC	Lisbon 14-11MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 2
43-037-50014-00-00	PATARA OIL & GAS LLC	Lisbon 10-44MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 3

43-037-50015-00-00	PATARA OIL & GAS LLC	Lisbon 3-32MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NESE	4	4 30S-24E
43-037-50016-00-00	PATARA OIL & GAS LLC	Lisbon 11-33MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NENW	14	5 30S-24E
43-037-50017-00-00	PATARA OIL & GAS LLC	Lisbon 11-21MC	Approved permit (APD); not yet spudded	Gas Well	LISBON	SAN JUAN	NWSE	10	6 30S-24E
43-037-50018-00-00	PATARA OIL & GAS LLC	Lisbon 3-43MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	SESE	3	7 30S-24E
43-037-50019-00-00	PATARA OIL & GAS LLC	Lisbon 10-33MC	Spudded (Drilling commenced: Not yet completed)	Oil Well	LISBON	SAN JUAN	NWSE	10	8 30S-24E
43-037-50021-00-00	PATARA OIL & GAS LLC	Middle Mesa Fed 31-42-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESW	31	9 29S-25E
43-037-50026-00-00	PATARA OIL & GAS LLC	Middle Mesa Federal 5-8-30-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	5	10 30S-25E

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-015445
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		7. UNIT or CA AGREEMENT NAME: LISBON
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202		8. WELL NAME and NUMBER: LISBON UNIT D-84
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 04 Township: 30.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037162500000
9. FIELD and POOL or WILDCAT: LISBON		COUNTY: SAN JUAN
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/28/2015
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> OTHER			
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: Pumping & Tubing Pressure			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of February 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 March 12, 2015

NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 303 728-2232	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/12/2015	

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul	Tubing Jul	Casing Aug	Tubing Aug	Casing Sep	Tubing Sep	Casing Oct	Tubing Oct	Casing Nov	Tubing Nov	Casing Dec	Tubing Dec
BIG INDIAN UNIT 1	4303716219	480	2400																				
BULL HORN U 10-43	4303731831	280	0																				
LISBON B-616	4303716242	40	40																				
LISBON B-84	4303730054	0	101																				
LISBON B912	4303715769	1100	60																				
LISBON B-94	4303730695	0	0																				
LISBON C-69	4303716245	180	810																				
LISBON C-910	4303731323	480	60																				
LISBON C-94	4303716247	30	0																				
LISBON C-99	4303730693	20	1000																				
LISBON D-616	4303715049	0	15																				
LISBON D-716	4303731034	8	1160																				
LISBON D-84	4303716250	480	60																				
LISBON D-89	4303716251	100	140																				
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300																				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-015445
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		7. UNIT or CA AGREEMENT NAME: LISBON
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202		8. WELL NAME and NUMBER: LISBON UNIT D-84
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 04 Township: 30.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037162500000
9. FIELD and POOL or WILDCAT: LISBON		COUNTY: SAN JUAN
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/31/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Pumping & Tubing Pressure	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of March 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 08, 2015		
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 303 728-2232	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/7/2015	

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul
BIG INDIAN UNIT 1	4303716219	480	2400	500	2400							
BULL HORN U 10-43	4303731831	280	0	220	0							
LISBON B-616	4303716242	40	40	24	20							
LISBON B-84	4303730054	-4	101	4	100							
LISBON B912	4303715769	1100	60	1125	60							
LISBON B-94	4303730695	0	0	0	0							
LISBON C-69	4303716245	180	810	580	800							
LISBON C-910	4303731323	480	60	445	80							
LISBON C-94	4303716247	30	0	0	0							
LISBON C-99	4303730693	20	1000	45	1000							
LISBON D-616	4303715049	0	15	Rig	Rig							
LISBON D-716	4303731034	8	1160	0	0							
LISBON D-84	4303716250	480	60	560	550							
LISBON D-89	4303716251	100	140	unable	unable							
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300	3300	3200							

[illegible]

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-015445
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		7. UNIT or CA AGREEMENT NAME: LISBON
3. ADDRESS OF OPERATOR: 811 Main Street, Suite 3500 , Houston, TX, 77002		8. WELL NAME and NUMBER: LISBON UNIT D-84
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 04 Township: 30.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037162500000
PHONE NUMBER: 281 714-2949 Ext		9. FIELD and POOL or WILDCAT: LISBON
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/30/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Pumping & Tubing Pressure	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of April 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 04, 2015		
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 720 319-6830	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/18/2015	

Utah
CCI Paradox Upstream, LLC
Shut- In Wells

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul	Tubing Jul	Casing Aug	Tubing Aug	Casing Sep	Tubing Sep	Casing Oct	Tubing Oct	Casing Nov	Tubing Nov	Casing Dec	Tubing Dec
BIG INDIAN UNIT 1	4303716219	480	2400	500	2400	520	2400																
BULL HORN U 10-43	4303731831	280	0	220	0	220	0																
LISBON B-616	4303716242	40	40	24	20	p&a	p&a																
LISBON B-84	4303730054	-4	101	4	100	-4	100																
LISBON B912	4303715769	1100	60	1125	60	1125	60																
LISBON B-94	4303730695	0	0	0	0	0	0																
LISBON C-69	4303716245	180	810	580	800	580	800																
LISBON C-910	4303731323	480	60	445	80	500	80																
LISBON C-94	4303716247	30	0	0	0	0	0																
LISBON C-99	4303730693	20	1000	45	1000	20	1000																
LISBON D-616	4303715049	0	15	Rig	Rig	p&a	p&a																
LISBON D-716	4303731034	8	1160	0	0	new AIG	new AIG																
LISBON D-84	4303716250	480	60	560	550	560	500																
LISBON D-89	4303716251	100	140	unable	unable	100	325																
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300	3300	3200	700 bottom / 3350	3300																

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		7. UNIT or CA AGREEMENT NAME: LISBON
3. ADDRESS OF OPERATOR: 811 Main Street, Suite 3500 , Houston, TX, 77002		8. WELL NAME and NUMBER: LISBON UNIT D-84
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 04 Township: 30.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037162500000
PHONE NUMBER: 281 714-2949 Ext		9. FIELD and POOL or WILDCAT: LISBON
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/31/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Monthly casing and tubing p	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC has gathered casing and tubing pressures for the month of May 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 22, 2015		
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 720 319-6830	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/9/2015	

Utah
CCI Paradox Upstream, LLC
Shut- In Wells

Required Actions

Well Name	API	Casing Jan	Tubing Jan	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May
BIG INDIAN UNIT 1	4303716219			480	2400	500	2400	520	2400	500	2400
BULL HORN U 10-43	4303731831			280	0	220	0	220	0	218	0
LISBON B-616	4303716242	40	40	40	40	24	20	P&A	P&A	P&A	P&A
LISBON B-84	4303730054			-4	101	4	100	-4	100	-4	98
LISBON B912	4303715769			1100	60	1125	60	1125	60	1140	60
LISBON B-94	4303730695			0	0	0	0	0	0	0	0
LISBON C-69	4303716245			180	810	580	800	580	800	590	800
LISBON C-910	4303731323			480	60	445	80	500	80	510	85
LISBON C-94	4303716247			30	0	0	0	0	0	0	0
LISBON C-99	4303730693			20	1000	45	1000	20	1000	20	1000
LISBON D-616	4303715049			0	15	Rig	Rig	P&A	P&A	P&A	P&A
LISBON D-716	4303731034			8	1160	0	0	Inj	Inj	Inj	Inj
LISBON D-84	4303716250			480	60	560	550	560	550	565	550
LISBON D-89	4303716251			100	140	unable	unable	100	325	375	375
FEDERAL 15-25	4303730317			380 Bottom/3300 Top	3300	3300	3200	3350	3300	3400	3250

[illegible]